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FOOD STAMP WORK REGISTRATION AND JOB SEARCH DEMONSTRATION

APPENDICES TO THE FINAL REPORT

Contract No. 53-33198-0-85

July 1986

Submitted by:

The Center for Human Resources
Florence Heller Graduate School
Brandeis University
Waltham, MA 02254

Abt Associates Inc.
55 Wheeler Street
Cambridge, MA 02138

Principal Investigator: Leonard Hausman
Project Director: Jane Kulik

Submitted to:

Office of Analysis and Evaluation
U.S. Department of Agriculture
Food and Nutrition Service
3101 Park Center Drive
Alexandria, VA 22302

APPENDICES

Appendix A. Data Collection Instruments

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Appendix A

Data Collection Instruments

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Associates
55 Wheeler St.
Cambridge, MA 02138
STAMPS.2

Food Stamp Work Registration and Sanction Removal

RANDOM ASSIGNMENT LOG
CONTROL GROUP

Week Ending: _____ Office: _____
Site: _____ Caseworker: _____

List work registrants with SSN ending in numbers 6-9

For evaluator use.	Date Certified M/D/Y	Work Registrant Last Name	First Name	MI	Social Security Number	Sex	Age	Expedited Services
11 (1-9)	(10-15)	(16-30)	(31-40)	(41)	(42-50)	51: 1 Male, 2 Female	(52-53)	1 Yes, 2 No (54)

Case Number	Case Name (Last, First, MI)		Application Date	Type of Case	Certified*	Certified For.	Monthly Benefit
(10-21)	(22-43)	44: 1 New Application, 2 Recertification	/ / (45-50)	51: 1 PA, 2 NPA	52: 1 Yes, 2 No-FRRTD, 3 No-FAOR	Months (53-54)	$ 00 (55-57)

For evaluator use.	Date Certified M/D/Y	Work Registrant Last Name	First Name	MI	Social Security Number	Sex	Age	Expedited Services
12 (1-9)	(10-15)	(16-30)	(31-40)	(41)	(42-50)	51: 1 Male, 2 Female	(52-53)	1 Yes, 2 No (54)

Case Number	Case Name (Last, First, MI)		Application Date	Type of Case	Certified*	Certified For.	Monthly Benefit
(10-21)	(22-43)	44: 1 New Application, 2 Recertification	/ / (45-50)	51: 1 PA, 2 NPA	52: 1 Yes, 2 No-FRRTD, 3 No-FAOR	Months (53-54)	$ 00 (55-57)

For evaluator use.	Date Certified M/D/Y	Work Registrant Last Name	First Name	MI	Social Security Number	Sex	Age	Expedited Services
13 (1-9)	(10-15)	(16-30)	(31-40)	(41)	(42-50)	51: 1 Male, 2 Female	(52-53)	1 Yes, 2 No (54)

Case Number	Case Name (Last, First, MI)		Application Date	Type of Case	Certified*	Certified For.	Monthly Benefit
(10-21)	(22-43)	44: 1 New Application, 2 Recertification	/ / (45-50)	51: 1 PA, 2 NPA	52: 1 Yes, 2 No-FRRTD, 3 No-FAOR	Months (53-54)	$ 00 (55-57)

For evaluator use.	Date Certified M/D/Y	Work Registrant Last Name	First Name	MI	Social Security Number	Sex	Age	Expedited Services
14 (1-9)	(10-15)	(16-30)	(31-40)	(41)	(42-50)	51: 1 Male, 2 Female	(52-53)	1 Yes, 2 No (54)

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DISTRIBUTION: White to evaluation contractor.
Yellow to food stamps office.

*FRRTD: Not certified for reasons related to demonstration.
FAOR: Not certified for any other reason.

12/20/82

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A[illegible]ciate
55 Wheeler St.
Cambridge, MA 02138
STAMPS.2

Fod[illegible]mp V[illegible] Regis[illegible]on ar[illegible] Sea[illegible] Demo[illegible]tion

RANDOM ASSIGNMENT LOG
TREATMENT GROUP

Week Ending: _____ Office: _____
Site: _____ Caseworker: _____

List work registrants with SSN ending in numbers 0-5

For evaluator use.	Date Certified	Work Registrant Last Name	First Name	MI	Social Security Number	51	Age	Expedited Services
_____ 11 (1-9)	M / D / Y (10-15)	(16-30)	(31-40)	(41)	(42-50)	1 Male 2 Female	(52-53)	1 Yes 2 No (54)

Case Number	Case Name (Last, First, MI)		Application Date	Type of Case 61	Certified* 62	Certified For:	Monthly Benefit
(10-21)	(22-43)	44 1 New Application 2 Recertification	/ / (45-50)	1 PA 2 NPA	1 Yes 2 No-FRRTD 3 No-FAOR	Months (53-54)	$ .00 (55-57)

For evaluator use.	Date Certified	Work Registrant Last Name	First Name	MI	Social Security Number	51	Age	Expedited Services
_____ 12 (1-9)	M / D / Y (10-15)	(16-30)	(31-40)	(41)	(42-50)	1 Male 2 Female	(52-53)	1 Yes 2 No (54)

Case Number	Case Name (Last, First, MI)		Application Date	Type of Case 61	Certified* 62	Certified For:	Monthly Benefit
(10-21)	(22-43)	44 1 New Application 2 Recertification	/ / (45-50)	1 PA 2 NPA	1 Yes 2 No-FRRTD 3 No-FAOR	Months (53-54)	$ .00 (55-57)

For evaluator use.	Date Certified	Work Registrant Last Name	First Name	MI	Social Security Number	51	Age	Expedited Services
_____ 13 (1-9)	M / D / Y (10-15)	(16-30)	(31-40)	(41)	(42-50)	1 Male 2 Female	(52-53)	1 Yes 2 No (54)

Case Number	Case Name (Last, First, MI)		Application Date	Type of Case 61	Certified* 62	Certified For:	Monthly Benefit
(10-21)	(22-43)	44 1 New Application 2 Recertification	/ / (45-50)	1 PA 2 NPA	1 Yes 2 No-FRRTD 3 No-FAOR	Months (53-54)	$ .00 (55-57)

For evaluator use.	Date Certified	Work Registrant Last Name	First Name	MI	Social Security Number	51	Age	Expedited Services
_____ 14 (1-9)	M / D / Y (10-15)	(16-30)	(31-40)	(41)	(42-50)	1 Male 2 Female	(52-53)	1 Yes 2 No (54)

Case Number	Case Name (Last, First, MI)		Application Date	Type of Case 61	Certified* 62	Certified For:	Monthly Benefit
(10-21)	(22-43)	44 1 New Application 2 Recertification	/ / (45-50)	1 PA 2 NPA	1 Yes 2 No-FRRTD 3 No-FAOR	Months (53-54)	$ .00 (55-57)

DISTRIBUTION: White to evaluation contractor.
Yellow to food stamps office.

*FRRTD: Not certified for reasons related to demonstration.
FAOR: Not certified for any other reason.

12/20/82

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Abt Associates Inc.
55 Wheeler Street
Cambridge, MA 02138

|__|__| Site Code |__|__| Office Code 1-4/

MONTHLY PROGRESS REPORT
RECIPIENT TREATMENT ONLY SITES
(Maine, Virginia, Kentucky, Florida)

Site:_____ Office:_____

This report covers Month:

from |__|__| - 01 - |8|__| to |__|__| - |__|__| - |__|__| 5-16/
Month Year Month Day Year

Food Stamp Official (name and Title) filling out form:

_____

Date Form Completed |__|__| |__|__| |8|__|
Month Day Year

*1. Total number of all households participating in the Food Stamp Program (FSP) during month at the office, as reported on Form 256. [Include households receiving expedited services and households with or without work registrants]: |__|__|__|__|__| 17-21/

a. Number of Public Assistance (PA) households: |__|__|__|__|__| 22-26/

b. Number Non-Public Assistance (NPA) households: |__|__|__|__|__| 27-31/

*2. Total benefits paid during month to all households on FSP caseload [dollar amount of food stamp benefits paid from Form 256]: |__|__|__|__|__|__|__| 32-38/

Amount Refers to: (check one) ATPs issued or ATPs redeemed |1| |2| 39/

*3. Number new NPA FS applicant households during month. [Newly applying households did not receive food stamps during the previous month either because they were never previously certified, or they used to be certified but had a break in their benefits. |__|__|__|__| 40-43/ 44-79/B 80/1

8/9/83

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FL, KY, ME, VA

CARD 2
5-13/B

*4. Number newly opened (i.e., certified) NPA households during month [number of new non-public assistance households that have been certified as eligible for food stamps benefits during month]: |_|_|_|_| 14-17/

a. Number new NPA households with nonexempt work registrants [number of newly certified households that have at least one member eligible for work registration (either treatment or control group members)]: |_|_|_|_| 18-21/

b. Number new nonexempt individual work registrants this month [number of individuals not exempt from the work requirement within newly certified households (include individuals from both treatment and control groups)]: |_|_|_|_| 22-25/

i. Number of individuals assigned to treatment group: |_|_|_|_| 26-29/

ii. Number of individuals assigned to control group: |_|_|_|_| 30-33/

c. Number of treatment group individuals in households receiving expedited services [of those individuals from newly opened cases in the treatment group, the number that are in households receiving expedited services]: |_|_|_|_| 34-37/

5. Number NPA households recertified for food stamps during month [number of households recertified during month who received benefits in previous month]: |_|_|_|_| 38-41/

a. Number recertified households with at least one member who is required to re-register for work during month [work registrants are currently required by regulations to reregister every 12 months]: |_|_|_|_| 42-45/

b. Number nonexempt individual work registrants from recertified households [number of individuals within recertified households who are required to reregister. Include individuals from both treatment and control groups.]: |_|_|_|_| 46-49/

i. Number of nonexempt individuals assigned to treatment group: |_|_|_|_| 50-53/

ii. Number of nonexempt individuals assigned to control group: |_|_|_|_| 54-57/

c. Number of treatment group individuals in households receiving expedited services [Of those individuals from recertified cases in the treatment group, the number who are in households receiving expedited services. May not apply in all sites.]: |_|_|_|_| 58-61/ 62-79/B 80/2

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FL, KY, ME, VA

CARD 3
5-12/B

6. Number of work registration forms completed for treatment group members during month [number of individuals from both new applicant and recertified households completing a work registration form and assigned to treatment group. This is the total number of treatment group members and should be the sum of Questions 4bi and 5bi.]: |____| 13-16/

7. Number of work registrants (treatment group) called in (or scheduled) for assessment interview [number FS registrants called in, i.e., notified to come in for an assessment interview with demonstration staff (not applicable in Kentucky)]: |____| 17-20/

8. Number of work registrants (treatment group) who had an assessment interview [of those FS registrants called in, or scheduled for interviews, the number of individuals who actually attended an assessment interview with demonstration staff during report month (not applicable in Kentucky)]: |____| 21-24/

9a. Number of work registrants (treatment group) initially assigned to one of the following categories during the assessment interview [the results of the initial classification of FS registrants during the month. Include in 9b those clients whom the staff doing the assesment feel should have been classified as exempt by the EWs and who should not have been referred. Note that 9a plus 9b should equal the number in Question 8. (Not applicable in Kentucky)]: 9a: |____| 25-28/

In Category I: |____| 29-32/

In Category II: |____| 33-36/

As job-attached in Category II: |____| 37-40/

In Category III: |____| 41-44/

9b. Number of FS work registrants (treatment group) referred back to EWs for a redetermination of exemption status at time of assessment interview (not applicable in Kentucky): 9b: |____| 45-48/ 49-54/B

10. (FLORIDA, MAINE, VIRGINIA ONLY).Number of work registrants assigned to attend job club during report month: [Number of Category I work registrants scheduled for job clubs which began during report month.] |____| 55-57/

11. (FLORIDA AND VIRGINIA ONLY) Number of work registrants assigned to make job contacts during month [of registrants initially classified as Category I during the month, record the number assigned to make job contacts.]: |____| 58-60/ 61-79/B 80/3

FL, KY, ME, VA

KENTUCKY ONLY:

CARD 4

12a. Number of work registrants assigned to EST [include only individuals scheduled to attend EST sessions during the report month]: |___| 5-7/

12b. Number of work registrants who were exempted from EST and assigned to attend job clubs [Include only individuals exempt from EST but assigned to attend job club; job clubs may not necesarily begin during report month]: |___| 8-10/

13. Total number of work registrants assigned to attend job club during report month [Number of Category I work registrants scheduled for job clubs which began during report month]: |___| 11-13/

a. After exemption from EST |___| 14-16/

b. After completing EST |___| 17-19/

14. Number of work registrants in the treatment group who got a job during the month [includes FS work registrants who become employed either through referrals by staff to specific jobs or their own efforts during the month.]: 20-25/B |___| 26-28/

15. Number of work registrants referred to one or more job interviews during the month [a referral is defined here as sending a client to a specific job opening.]: |___| 29-31/

a. Total number of work registrants who failed to respond to the referral [number of work registrants who failed to respond to the referral or who failed to appear for an interview with the employer.]: |___| 32-34/

16. Number of work registrants determined by demonstration staff to have failed to comply with program rules [the number of individuals that the demonstration unit determines to have failed to comply with work registration or job search activities. This generally results in a noncompliance notice being sent to the Food Stamp EWs who are then to send out a Notice of Adverse Action to households with noncompliant individual(s).]: |___| 35-37/

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FL, KY, ME, VA

*17. Number of Notices of Adverse Action issued during month to households with at least one member in the treatment group, because of member(s)' failure to comply with work registration or job search requirement [number of Notices of Adverse Action issued because of noncompliance with demonstration requirements; applies only to households with one or more work registrants in the treatment group. (Total of a + b below.)]: |___| 38-40/

a. Number of Notices of Adverse Action mailed to clients [Include notices which were mailed but returned to Food Stamp office as undeliverable.]: |___| 41-43/

b. Number of Notices of Adverse Action placed in clients' file [number of Notices of Adverse Action not mailed to client but placed in client's file because of the expiration of the certification period. If NAA form is not used, count notes or other forms used for this purpose. May not apply in all sites. Do not count here if NAA was also mailed.]: |___| 44-46/

18. Number of work registrants requesting a hearing as a result of Notice of Adverse Action [total number of formal hearing requests in response to Notice of Adverse Action sent by EWs. This number refers to hearings requested and will not necessarily correspond to number of adverse actions processed during the period. This refers only to hearings resulting from noncompliance with work registration and job search requirements. If the local office is to be notified by the state hearing agency of the number of hearings requested, this number should be recorded under this item.]: |___| 47-49/

19. Outcomes of hearings for noncompliance received this month [total number of decisions that are received or made known during the reporting month.]: |___| 50-52/

a. In favor of client: |___| 53-54/

b. In favor of agency: |___| 55-56/

*20. Number of termination actions or disqualifications (including denials of recertification) for failure to comply with work registration or job search requirements during month [Refers only to households with members in the treatment group.- Include cases with and without hearings requested. Include both terminations of benefits during a certification period and a denial of a recertification action due to noncompliance.]: |___| 57-59/

60-79/B
80/4
Card 5 Blank

ATTACH CORRESPONDING COST REPORT (FORM 1034) FOR EACH OFFICE.

8/9/83

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Site: Fresno
Site Code: 22 1-2/

3-7/

Food Stamp Work Registration and Job Search Demonstration
CLIENT PARTICIPATION HISTORY

Work Registrant Name (last, first, MI) 8-16/

Date of Birth / /

Social Security Number - -

Work Registration Date / / 17-22/

Assessment Date / / 23-28/

FS Case Number 29-40/

Categorization Circle category Assigned to:

Type	Date	Category I	Category II Job-Attached	Category II Not Job-Attached	Category III	Client Referred for Redetermination	
Initial	/ /8	1	2	3	4	5	41-47/
Recategorization	/ /8	1	2	3	4	5	48-54/
Recategorization	/ /8	1	2	3	4	5	55-61/

79/1

Treatment (Complete if client is in Category I at any time.) Assigned to (check all that apply):

☐ Applicant Job Search 8/

Start Date / / 9-14/

Did client complete?* ☐ Yes ☐ No 15/

☐ Recipient Job Search 16/

Start Date / / 17-22/

*Complete indicates one of two results: client fulfilled attendance requirement and/or located employment. 79/2

Activities

Codes: 1 = employment referral
2 = other call-in for in-person office visit
3 = entered employment
4 = notice of noncompliance sent to eligibility worker
5 = left demonstration
6 = job search monitoring visit

Date M	Date D	Date Y	Activity (description)	Column A Activity code	Column B Did client report?* 1 = Yes 2 = No 3 = Rescheduled	
						8-15/
						16-23/
						24-31/
						32-39/
						40-47/
						48-55/
						56-63/
						64-71/ 79/3
						8-15/
						16-23/
						24-31/

5/21/83 *Column B applies only to Activity Codes 1, 2 and 6.

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FOOD STAMP WORK REGISTRATION AND
JOB SEARCH DEMONSTRATION EVALUATION

Site: Florida |21|
Fresno |22|
Kentucky |23| 1-2/
Maine |24|
Nassau |25|
Virginia |26|
San Diego |27|

NEGATIVE ACTION REVIEW

Food Stamp Office : |__|__| 3-4/
(address where client's application originated) (Use office codes--see attached list.)

OSA (last name): _____

Date of search: __ __/__ __
month year

TO BE COMPLETED AT EMPLOYMENT UNIT.

Participant Data

Name (print, last name first): _____

FS Case Name: _____ SSN: __ __ __ - __ __ - __ __ __ __ 5-13/ CARD 1

FS ID: _____ 14/1

Work registration date: __ __/__ __/__ __ 15-20/
(applies to registration date covering the noncompliance action) month day year

Module B Appended? Yes |1|

No |2|

11/15/83

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MODULE A

FOOD STAMP WORK REGISTRATION AND JOB SEARCH DEMONSTRATION EVALUATION

NEGATIVE ACTION REVIEW

1. Is the date of the first refusal to cooperate specified?*

   |1| Yes |2| No 21/

   If yes: Date: __ __/__ __/__ __ 22-27/
   Month Day Year

2. What was the nature of the first refusal? (Circle one box only)

   |01| Did not show up for registration/assessment interviews 28-29/

   |03| Refused a job referral, or a job offer

   |04| Failed to complete applicant job search (Fresno and Nassau only)

   |05| Failed to comply with workfare requirements [San Diego and Nassau (PWP) only]

   |06| Quit a suitable job without good cause

   |07| Failed to make required job contacts as a recipient

   |08| Failed to attend EST sessions (Kentucky only)

   |09| Failed to attend job club or other group search activity

   |10| Unknown/Missing

   |11| Other (specify): _____

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3. In what activity/status was the client at the time of the refusal to cooperate that led to the Notice of Noncompliance? (Circle one box only.)

| 1 | Applicant (Fresno, Nassau)
| 2 | Registration/Assessment
| 3 | Cat I Job Search Assignment
| 4 | Cat I Job Club/Group Activity
| 5 | Cat II
| 6 | Not Categorized (Kentucky)
| 7 | Cat III - Exempt
| 8 | Employed

30/

4. (Deleted)

5. Was a letter sent to notify the client of noncooperation for the incident leading to the Notice of Noncompliance?*

| 1 | Yes
| 2 | No (Go to Q.7a)

31/

6a. How many letters?

| ___ | letters

32/

6b. On what date was first letter sent?

___ ___/___ ___/___ ___
month day year

33-38/

*Includes "willful letter."

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7a. What was the cited reason for the Notice of Noncompliance sent to the Food Stamp Agency Income Maintenance Unit? (Circle one box only.)

REASON: 39-40/
TIMES: 41-42/

|01| Did not show up for registration/assessment interview

Number of times |__|

|02| Did not show up for appointment with job unit staff

Number of times |__|

|03| Refused a job referral or job offer

Number of times |__|

|04| Failed to complete applicant job search.

Number of times |__|

|05| Failed to comply with workfare/PWP requirements (San Diego, Nassau)

|06| Quit a suitable job without good cause

Number of times |__|

|07| Failed to show up for an employment interview

Number of times |__|

|08| Failed to make required job contacts as a recipient

Number of times |__|

|09| Did not show for job club or other group search activity

Number of times |__|

|10| Failed to attend EST sessions (Kentucky)

Number of times |__|

|11| Other _____

_____

|12| Unknown/Missing

7b. On what date was the Notice of Noncompliance sent to the FSA IMU?

43-48/

__ __/__ __/__ __
month day year

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TO BE COMPLETED FROM FOOD STAMP IMU FILES.

8. Is there a Notice of Noncompliance in the client's IMU file?

|1| Yes

|2| No, and no further action taken (explain below and STOP)

|3| No, but evidence is that case was followed (explain below)

|4| File missing (STOP)

49/

If No, what happened?

_____

_____

_____

_____

9a. Was a Notice of Adverse Action sent by the Food Stamp Agency to terminate FS benefits?

|1|

|2| No (Go to Q.20a)

50/

9b. If yes, was the Notice of Adverse Action for noncompliance with Demonstration requirements?

|1| Yes

|2| No

51/

10. On what date was the Notice of Adverse Action sent?

___ ___/___ ___/___ ___
month day year

52-57/

11. Did the client request a fair hearing?

|1| Yes

|2| No (Go to Q.13)

58/

12. Was the hearing request timely?*

|1| Yes (Go to Module B)

|2| No

59/

13. Were food stamp benefits actually terminated?

|1| Yes

|2| No (Go to Q.21)

60/

*"Timely" defined as within time limits specified in Notice of Adverse Action.

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13a. Was the termination due to noncompliance with Demonstration requirements?

|1| Yes 61/

|2| No

|3| Can't tell

14. How was termination imposed?

|1| Termination of benefits under current certification period 62/

|2| Denial of application (Nassau and Fresno)

|3| Denial of recertification

14a. Had the registrant already gone off the Food Stamp rolls and not re-applied at the time the Notice of Adverse Action was generated?

|1| Yes 63/

|2| No

15. Month termination took effect (the first month no benefits were paid):

___ ___/___ ___ 64-67/
month year

16. What was the length of the termination period?

|__|__| months 68-69/

17. What was the amount of monthly FS benefits terminated?

$|__|__|__|.00 per month (Use last full month; do not pro-rate) 70-72/

18. Did the client end the disqualification period early by meeting the requirements?

|1| Yes 73/

|2| No (Go to Q.22)

18a. How did the client end the disqualification?

|1| Work registrant became exempt 74/

|2| Acceptance of employment

|3| Return to employment

|4| Agreed to register, respond to call-in, or meet with job club staff

|5| Registrant left household

|6| Other

Table of Contents

19. After how many months of benefit termination?

|__|__| months (Go to Q.22) 75-76/

20a. Why was the Notice of Adverse Action not sent? (Circle only one.)

|01| Client off of FS by the time the NNC was received in IMU (not as a result of noncompliance) 77-78/

|02| Certification period about to expire

|03| Client was never certified

|04| Client agreed to cooperate and returned to employment staff (includes informal cure procedure)

|05| Client became exempt from work test

|06| Client became excused from requirement to participate in specific program activity (e.g., job club) because category was changed

|07| Client off FS in this office, moved to other area, re-established FS there

|08| Registrant left household

|09| Other (Specify) _____ CARD 2 14/2

_____

|10| Don't Know

20b. Did the client's household stop receiving food stamp benefits?

|1| Yes 15/

|2| No (Go to Q.21)

20b.1 If the client's household stopped receiving food stamp benefits:

On what date were benefits stopped?

__ __/__ __ 16-19/
month year

What was the amount of monthly benefits terminated?

$ |__|__|__|.00 per month 20-22/

Was this a result of the NCC?*

|1| Yes 23/

|2| No

(Go to Q.22)

---

*Judgment of OSA requested.

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21. Why were food stamp benefits not terminated? (Circle only one.)

| 01 | Client never certified 24-25/

| 02 | Client won hearing or internal review

| 03 | Client withdrew from FS

| 04 | Client agreed to cooperate and returned to employment staff (formal resolution)

| 05 | Client became exempt from work test

| 06 | Client became exempt from requirement to participate in specific program activity

| 07 | Client employed

| 08 | Administrative failure

| 09 | Other (Specify) _____

_____

| 10 | Don't Know
(STOP)

22. Has the registrant household been re-opened for the Food Stamp Program?

| 1 | Yes 26/

| 2 | No/Can't tell (STOP)

22a. If the household was reopened for the Food Stamp Program, is the registrant still a member of the household?

| 1 | Yes 27/

| 2 | No

23. On what date was the household reopened?

___ ___/___ ___/___ ___ 28-33/
month day year (STOP)

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MODULE B

Name: _____

SSN: _____

Check one:

|___| First Module B (Card 3) 14/

|___| Second Module B (Card 4)

|___| Third Module B (Card 5)

1. Type of action (circle one only):

   |1| Hearing 15/

   |2| Reschedule

   |3| Appeal

2. Date of hearing: ___ ___ / ___ ___ / ___ ___ 16-21/
   month day year

3. Did the client request continuance of FS benefits pending outcome of the hearing?

   |1| Yes 22/

   |2| No

4. Did the client request an agency conference or internal Administrative Review prior to the hearing?

   |1| Yes 23/

   |2| No (Go to Q.7)

5. Was the conference held?

   |1| Yes |2| No (Go to Q.7) 24/

   If Yes, Date: ___ ___ / ___ ___ / ___ ___ 25-30/
   month day year

11/16/83

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6. What was the outcome of the conference? (Circle one box only.)

|1| Hearing request withdrawn (STOP here and return to Module A, Q. 13). 31/

|2| Hearing request maintained

|3| Client agreed to cooperate and was referred back to job unit (STOP here and return to Module A, Q.13.)

|4| Other (Specify) _____

_____

7. Was the hearing request reviewed by the agency or hearings office prior to proceding to a hearing?

|1| Yes 32/

|2| No (Go to Q.9)

8. What was the outcome of this review?

|1| Agency to proceed with hearing

|2| Agency dropped case; benefits not affected (Go to Q.13) 33/

|3| Other (Specify) _____

_____

_____

9. Did the hearing take place on the prescribed day?

|1| Yes 34/

|2| No (Go to Q.13)

10. What was the decision of the hearing officer?

|1| Favor program 35/

|2| Favor client

|3| Other (Specify) _____

_____

_____

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11. Date of decision: ___ ___ / ___ ___ / ___ ___ 36-41/
month day year

12. Was the decision appealed?

|1| Yes (STOP here and use second Module B. Begin with Q.1) 42/

|2| No (Return to Module A, Q.13)

13. Why did the hearing not take place?

|1| Client did not show up with good cause 43/

|2| Client did not show up (without good cause or reason unknown)

|3| Other (Specify) _____

_____

_____

14. What happened then?

|1| Case was dismissed 44/

|2| Rescheduled (Stop here and use second Module B. Begin with Q.1)

|3| Other (Specify) _____

_____

_____

15. On what date?

___ ___ / ___ ___ / ___ ___ 45-50/
month day year

(RETURN TO MODULE A, Q.13)

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Food Stamp Work Registration
and Job Search Demonstration

Check site:
- Florida (21) [ ]
- Fresno (22) [ ]
- Maine (24) [ ]
- Portsmouth (26) [ ]
- San Diego (27) [ ]

JOB CLUB ROSTER AND ATTENDANCE FORM

Session Leader: _____

Session Begins: ____/____/____
Month Day Year

Clients Called In	Daily Record (see codes on right)															Codes
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1 = attended 2 = did not report 3 = found job 4 = rescheduled

12/15/82

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Abt Associates Inc.
55 Wheeler St.
Cambridge, MA 02138

Site: _____

Office: _____

Week Ending: _____

Food Stamp Work Registration
and Job Search Demonstration

RESULTS OF EXEMPTION DETERMINATION TALLY

ADULTS (age 18 or over) only

Work Registrants (i.e., not exempt)	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Individuals Exempted from Work Registration and Reasons

1. Responsible for care of children or incapacitated adult	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
2. Disabled	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
3. Elderly (60 and over)	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
4. Employed Full Time	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41
5. Full-Time Student	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41
6. WIN Participant	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41
7. UI Claimant	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41
8. Participant in drug, alcoholic treatment, rehabilitation, or other employment program	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41
9. Other	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

1/27/83

7/8

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JOB TICKET

Site: MAINE Office: _____

OMB No. 0584-0234
Expires 6/30/84

PART A: INITIATION. Please complete Part A and attach to Case Record for all contacts for clients (in person, by telephone, or by mail).

Contractor Use Only:
Site/Office Code: _____ 1-4/
Unit: _____
Date of Origin: _____

1. Client Name: _____

2. Client SSN: |_|_|_|-|_|_|-|_|_|_|_| 5-13/

3. Current Treatment Assignment: |_| 14/
   1 Job Club 9 None

PART B: SERVICES: Please complete Part B (Items 1-7) of this form for each activity or service.

Initials of Staff Member Providing Service 1.	15-20/ Date 2.	21/ Service or Activity (see code list) (Record only one service per line) 3.	Time In 4.	Time Out 5.	22-24/ Elapsed Time (in minutes) 6.	25-26/ Service outcome (see code list) 7.	
A.							
B.							
C.							
D.							
E.							
F.							
G.							
H.							
I.							
J.							
K.							

Codes for Activities and Services Provided (Column 3)
1. Assessment
2. Job search monitoring
3. Individual employment assistance
4. Rescheduling and noncompliance

Codes for Service Outcome (Column 7)
1. Referred to job interview
2. Referred for sanctioning

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10/82

FOOD STAMP WORK REGISTRATION AND JOB SEARCH DEMONSTRATION

Staff Time Utilization During Study Week

DEMONSTRATION UNIT STAFF

Name	Title	Salary / Period	Scheduled Weekly Hours	Percent Paid by Demonstration	Percent of Time Spent On:		Percent of Time Spent On:							
					Demo	Other Programs	Management	Pre-Assessment	Assessment	Job Search Monitoring	Other Individual Assistance	Job Club	Other Group Activities	Rescheduling and Noncompliance
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
ESTIMATED WEEKLY NUMBER OF REGISTRANTS RECEIVING:														

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ID

FOOD STAMPS DEMONSTRATION PROJECT
6 Month Interview
Client Information Booklet

Form Approved
OMB No. 0584-0254
Expires 9/30/84

Abt Associates Inc.
55 Wheeler Street
Cambridge, MA 02138
January 1984

Designated Respondent: _____
LAST NAME FIRST NAME

(See page 3 for respondent identification information.)

Interview to be completed: ___ ___ / ___ ___ / 84 to ___ ___ / ___ ___ / 84
(EARLIEST DATE) (LATEST DATE)

FINAL STATUS

Completed	01	Moved Out of SMSA	07
Refused	02	Language Barrier	08
Breakoff	03	Final Can't Locate	09
Respondent Deceased	04	Final Other (Specify)	10
Respondent Institutionalized	05	_____	
Other No Contact	06		

DATE INTERVIEW COMPLETED

Mo.	Day	Year
		8 4

RECORD OF CONTACT ATTEMPTS

Attempt	In-Person, Tel., Letter	Date & Time	Interviewer ID	Outcome & Comments

All information which would permit identification of any individual will be held strictly confidential, will be used only by persons engaged in the Food Stamp Work Registration and Job Search Demonstration Evaluation, and will not be disclosed or released to others for any other purposes.

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Module 1.Q.1

First of all, I'd like to make sure that I have your name down correctly. (**RECORD ON LINE 1.**) Now I would like to ask you about the children, other relatives and friends living in your household at the present time. Please give me the name of everyone else who usually lives here, starting with the oldest—including everyone whether they are away from home or not and anyone who has no other place of residence.

(LIST FULL NAME OF EACH HOUSEHOLD MEMBER BELOW AND RECORD ONLY THE INITIALS OF EACH MEMBER ON THE QUESTIONNAIRE.)

Listing	Names of Household Members: First	Middle	Last
1. (Respondent)			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

INTERVIEWER OBSERVATIONS AND REMARKS (FILL OUT THIS SECTION IMMEDIATELY AFTER YOU LEAVE THE HOUSEHOLD)

A. What was the respondent's attitude toward the interview?

Friendly and eager	1
Cooperative, but not eager	2
Indifferent, bored	3
Somewhat hostile	4
Very hostile	5

B. How accurate would you say the information provided in the following modules is?

	Module 3	Module 4
Very accurate	1	1
Fairly accurate	2	2
Inaccurate	3	3
Not applicable	4	4

C. Other comments?

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6 Month Survey
Client Information Booklet

COPY OF 3-MONTH CLIENT INFORMATION BOOKLET ATTACHED HERE.

FOR INTERVIEWER USE

Additional Tracking and Follow-Up Information

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Abt Associates Inc.
55 Wheeler Street
Cambridge, Massachusetts 02138

6 Month Survey
Client Information Booklet

FOOD STAMPS DEMONSTRATION PROJECT

NON-INTERVIEW REPORT

Please fill out this form for all non-complete interviews.

PLEASE PRINT:

Respondent's Name:_____ Date_____

1. Why were you unable to complete this interview?

   Refusal (ANSWER 2, 3, 5, 7) 1
   Breakoff (ANSWER 3, 5, 7) 2
   No contact (ANSWER 7) 3
   Respondent moved out of area 4
   Language barrier (ANSWER 6, 7) 5
   Can't locate (ANSWER 7) 6
   Temporarily ill or unavailable (ANSWER 4, 5, 7) 7
   Other (ANSWER 5) 8

2. IF REFUSED: Did the respondent refuse to be interviewed or did someone else refuse?

   Respondent refused 1
   Someone else (SPECIFY)_____
   _____ 2

3. IF REFUSED OR BROKE OFF:

   A. What was the reason given? (RECORD VERBATIM)

   B. What other important circumstances help explain the reason for breakoff or refusal?

4. IF ILL/UNAVAILABLE OR OTHER:

   Describe details.

5. IF REFUSED, BROKE OFF, UNAVAILABLE OR OTHER
   Do you think we can complete this interview?

   Yes 1
   No 2

6. IF LANGUAGE BARRIER: What language does the respondent speak?

7. RECOMMENDED ACTION

Interviewer's Signature _____

ID # [ ][ ][ ]

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Abt Associates Inc.
55 Wheeler Street
Cambridge, MA 02138
January, 1984

Form Approved
OMB No. 0584-0254
Expires: 9/30/84

FOOD STAMP WORK REGISTRATION AND JOB SEARCH DEMONSTRATION

6-MONTH INTERVIEW QUESTIONNAIRE

INTERVIEWER CERTIFICATION

This interview has been conducted according to all procedures specified in the Food Stamp Demonstration Project Interviewer Field Manual for Client Surveys.

Signature _____ Date _____

All information which would permit identification of any individual will be held strictly confidential, will be used only by persons engaged in the Food Stamp Demonstration Project, and will not be disclosed or released to others for any other purposes.

AAI ID#: [ ][ ] [ ] [ ][ ][ ][ ] 1-7/

CARD 01
8-9/01

Date of Assignment: [ ][ ] Month [ ][ ] Day [8][ ] Year 10-14/

Date Interview Conducted: [ ][ ] Month [ ][ ] Day [8][ ] Year 15-19/

Interviewer ID: [ ][ ] 20-21/

Total Attempts: [ ] 22/

FINAL STATUS: 23-24/

Completed	01
Refused	02
Breakoff	03
Respondent Deceased	04
Respondent Institutionalized	05
Other No Contact	06
Moved Out of SMSA	07
Language Barrier	08
Final Can't Locate	09
Final Other (Specify)	10

_____

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READ INTRODUCTION TO RESPONDENT.

My name is _____. I'd like to talk with (MENTION NAME OF RESPONDENT) about a study that Brandeis University and Abt Associates of Cambridge, Massachusetts are doing for the U.S. Department of Agriculture. The purpose of this study is to gather information on employment programs so that the Government can better meet the needs of people like yourself. You may remember that you had participated in an interview for this study three months ago, on (MENTION DATE 3-MONTH INTERVIEW WAS COMPLETED).

As we had indicated before, the information that you give will be kept in complete confidence and will never be reported in any way that allows you to be individually identified. No one in the Government will ever see your answers. While your participation in this interview is, of course, voluntary and has no effect on any benefits you are now receiving or might receive from any Government program, it is extremely important that we get your opinions so that people like yourself are properly represented in the study. Do you have any questions?

BEGIN INTERVIEW.

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6 Month Survey
MODULE 1
HOUSEHOLD COMPOSITION

1. First of all, I'd like to make sure that I have your name down correctly. **(VERIFY SPELLING OF FIRST, MIDDLE AND LAST NAME: RECORD ON CLIENT INFORMATION BOOKLET; RECORD ONLY THE INITIALS OF THE RESPONDENT IN THE SPACES PROVIDED.)**

Now I would like to ask you about the children, other relatives, and friends living in your household at the present time. **(FOR MEN'S SHELTER, BOARDING HOUSES, ETC., SKIP NOW TO MODULE 2.)**

ASK ALL PARTS OF Q.2 AS A UNIT.

	01	02	03	04
Person No.	25-26 0 - 1	34-35 0 2	43-44 0 3	52-53 0 4
2A. Initials of Household Member	Respondent	Person 2	Person 3	Person 4
2B. Relationship to Respondent	27 Self	36	45	54
2C. Sex	28 Male ..... 1 Female 2	37 Male ..... 1 Female 2	46 Male ..... 1 Female 2	55 Male ..... 1 Female 2
2D. Date of Birth	29-32 Mo. Yr.	38-41 Mo. Yr.	47-50 Mo. Yr.	58-59 Mo. Yr.
2E. Educational Status Enrolled Full-Time 1 Enrolled Part-Time 2 Not Enrolled 3	33 ..... 1 ..... 2 3	42 ..... 1 ..... 2 3	51 ..... 1 ..... 2 3	60 ..... 1 ..... 2 3

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2A. Please give me the name of everyone else who usually lives here, starting with the oldest – including everyone whether they are away from home or not and anyone who has no other place of residence. **(RECORD FULL NAME OF EACH HOUSEHOLD MEMBER ON THE CLIENT INFORMATION BOOKLET. RECORD INITIALS ON GRID ON THIS AND FACING PAGE.)**

Have we missed anyone such as new babies, lodgers, or boarders, people who usually live here but are away on business or traveling, at school or in a hospital?

2B. What is **(PERSON'S NAME)** relationship to you? **(DO NOT ASK FOR RESPONDENT.)**

2C. **CODE SEX. IF NOT OBVIOUS, ASK:** Is (Person) a male or female?

2D. What is **(YOUR/HIS/HER)** date of birth?

2E. [Are you/Is **(PERSON)**] currently enrolled in school, either full-time or part-time?

CARD 02
8-9/02

05	06	07	08	09	10
61-62	70-71	10-11	19-20	28-29	37-38
0 5	0 6	0 7	0 8	0 9	1 0
Person 5	Person 6	Person 7	Person 8	Person 9	Person 10
63	72	12	21	30	39
64	73	13	22	31	40
Male . . . . . 1 Female 2	Male . . . . . 1 Female 2	Male . . . . . 1 Female 2	Male . . . . . 1 Female 2	Male . . . . . 1 Female 2	Male . . . . . 1 Female 2
65-68	74-77	14-17	23-26	32-35	41-44
Mo.	Mo.	Mo.	Mo.	Mo.	Mo.
Yr.	Yr.	Yr.	Yr.	Yr.	Yr.
69	78	18	27	36	45
. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3

MODULE 1 (cont.)

3. Are you . . . (READ LIST AND CODE ONE RESPONSE)

Married?	1	
Widowed?	2	46/
Divorced or separated? . .	3	
Never Married?	4	

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MODULE 2
PROGRAM EXPERIENCES

Now I am going to read a list of services you may have received from the Employment Service. During the past 6 months, since you applied for food stamps, did anyone...
(READ LIST. CIRCLE ONE RESPONSE FOR EACH ITEM.)

		Yes	No	
1.	Help you decide what kind of work would be best for you to do?	1	2	47/
2.	Tell you how to look for a job, how to do well in job interviews, fill out application forms, and things like that?	1	2	48/
3.	Provide counseling services?	1	2	49/
4.	Give you a job listing to look at?	1	2	50/
5.	Assign you to a job club?	1 (ASK A)	2	51/

A. Did you actually attend the job club?

Yes (ASK B-D) 1 52/

No (ASK E) 2

B. How many times did you attend per week?

|__|__| times 53-54/

C. Are you currently attending the job club?

Yes 1 55/

No 2

D. During the time you were attending the job club were you offered a job?

Yes 1 56/

No 2

SKIP NOW TO ITEM 6 ON NEXT PAGE.

MODULE 2 (cont.)

E. Why didn't you attend the job club? (DO NOT READ LIST.)

I FOUND A JOB. 1 57/

I WAS OUT OF TOWN. 2

OTHER (SPECIFY)_____ 3

_____

6. Assign you to a public job to earn your food stamps? . . . . . .

	Yes	No	
	1 (ASK F)	2	58/

F. What did you do there? What was your job? 59-60/

_____

_____

7. Offer to give you a test to see what job would be good for you?. . . . 1 . . . . . 2 61/

8. Send you to a specific job?. . . . . 1 (ASK G). . 2 62/

G. To how many specific jobs were you referred?

[ ][ ] jobs 63-64/

11. After you were certified to receive food stamps, were you told to go out and look for jobs by the (Food Stamp Agency Job Counselors/Employment Service Job Counselors), and were you given any specific instructions about looking for a job?

Yes (ASK A-C). 1 69/

No (SKIP TO Q.12). 2

IF "YES", ASK A-C:

A. How many employer contacts were you required to make?

|__|__| contacts 70-71/

Not told how many (SKIP TO C). . . . 1 72/

B. How many weeks did you have?

|__|__| weeks 73-74/

C. How many employer contacts did you make?

|__|__| contacts 75-76/

12. During the past six months, did anyone at the (Food Stamp office/Employment Service) ask you to report on your progress in looking for a job?

Yes (ASK A) 1 77/

No (SKIP TO Q.13). . 2

IF "YES", ASK A:

A. Did you do this?

Yes 1 78/

No 2

79-80/Bk

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CARD 03
8-9/03

MODULE 2 (cont.)

13. Were you told what would happen if you did not look for a job?

Yes 1 10/

No 2

14. Were you told what would happen if you did not accept a job if offered to you? PROBE: What would they do to you?

LOSE FOOD STAMPS 1 11/

NOTHING WOULD HAPPEN (UNSPECIFIED) 2

NOTHING WOULD HAPPEN BECAUSE I AM EXEMPT. . . . 3

OTHER (SPECIFY)_____ . . . 4 12-13/

_____

15. Did you have your food stamp benefits stopped for not following the program rules during the past 3 months?

Yes (ASK A) 1 14/

No (GO TO Q.16) 2

IF "YES", ASK A:

A. What did you do to cause this? (PROBE.) 15-16/

MODULE 2 (cont.)

16. Did you have your food stamp benefits stopped for any other reason?

Yes (ASK A) 1 17/

No (GO ON TO NEXT MODULE) . 2

A. IF "YES", ASK A:

A. What was the reason? (DO NOT READ LIST.)

I found a job 1 18/

I moved 2

Other (SPECIFY)_____ 3

_____

GO ON TO NEXT MODULE.

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MODULE 3
WORK EXPERIENCE

ASK EVERYONE. USE CALENDAR AS NECESSARY DURING THIS MODULE TO HELP RESPONDENT KNOW WHAT DATES WE ARE ASKING ABOUT.

1. What were you doing most of last week--working, keeping house, going to school, or something else? (DO NOT READ LIST. CIRCLE ONLY ONE RESPONSE.)

Working (SKIP TO Q.3)	1	19/
With a job but not at work.	2	
Looking for work.	3	
Keeping house	4	
Going to school	5	
Unable to work (SKIP TO Q.3).	6	
Retired	7	
Other (SPECIFY)_____	8	20/

_____

2. Did you do any work at all last week, not counting work around the house?

Yes	1	21/
No	2	

3. Have you actively looked for work during the past 4 weeks?

Yes	1	22/
No	2	

MODULE 3 (cont.)

NOW CHECK BACK TO Q.1 IN THIS MODULE. IF RESPONDENT SAID "WORKING" SKIP NOW TO Q.5. OTHERWISE, CONTINUE ON WITH Q.4.

4. Is there any reason why you could not take a job last week?

Yes (ASK A)	1	23/
No (SKIP TO Q.5) . .	2	

IF "YES", ASK A:

A. What was the reason? (DO NOT READ LIST. CIRCLE ONLY ONE RESPONSE.)

Already has a job	1	24/
Temporary illness	2	
Going to school	3	
Other reason (SPECIFY)_____	4	25/

_____

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Three months ago, (I/ANOTHER INTERVIEWER) met with you and asked you some questions. We are interested in your activities between three months ago which was **(DATE 3 MONTH INTERVIEW WAS COMPLETED)** up to today. The activities I'm interested in are working, looking for work, and any other activities such as periods of unemployment. Let's begin with the present and work back.

5. Were you working or not working last week? **SHOW CALENDAR TO BE SURE R KNOWS WEEK YOU ARE ASKING ABOUT. WEEK 1 IS LAST WEEK, WEEK 2 IS 2 WEEKS AGO, ETC. ENTER MONTH AND DATES FOR EACH WEEK, SUNDAY TO SATURDAY.)**

IF "WORKING" ASK Q.5A & 5B:

5A. When did you begin working at this job?

5B. When did you stop working at this job? **(IF R IS STILL WORKING WRITE "STILL WORKING" IN DATE BOXES PROVIDED.)**

IF "NOT WORKING" ASK Q.5C:

5C. Were you actively looking for work last week? **(RECORD IN GRID)**

REPEAT QUESTIONS 6, 6A, 6B, 6C FOR THE 13 WEEKS. WHEN ALL 13 WEEKS ARE ACCOUNTED FOR, GO ON TO QUESTION 7 IN THIS MODULE. IF R MENTIONS THAT HE/SHE WAS WORKING FOR MORE THAN ONE WEEK, YOU DO NOT HAVE TO ASK QUESTIONS 6, 6A, 6B FOR THE WEEKS COVERED BY THE DATES OF THE JOB.

6. Were you working or not working the week before that? **(SHOW CALENDAR, RECORD ANSWERS IN GRID. WEEK 2 IS 2 WEEKS AGO, WEEK 3 IS 3 WEEKS AGO, ETC.)**

IF "WORKING" ASK Q.6A & 6B:

6A. When did you begin working at this job?

6B. When did you stop working at this job?

IF "NOT WORKING" ASK Q.6C:

6C. Were you actively looking for work during that week?

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CARD 03-07

MONTH/ DATES	Q.5 & Q.6 WEEK NUMBER	Q.5 & Q.6 WORKING	Q.5 & Q.6 NOT WORKING	Q.5A & Q.6A BEGAN WORKING MONTH	Q.5A & Q.6A BEGAN WORKING DAY	Q.5A & Q.6A BEGAN WORKING YEAR	Q.5B & Q.6B STOPPED WORKING MONTH	Q.5B & Q.6B STOPPED WORKING DAY	Q.5B & Q.6B STOPPED WORKING YEAR	Q.5C & Q.6C ACTIVELY LOOKED FOR WORK YES	Q.5C & Q.6C ACTIVELY LOOKED FOR WORK NO
MO:___ ___ 28-29/ ___ TO ___	30-31/ 01	1	2 32/			33-37/			38-42/	1	2 43/
MO:___ ___ 44-47 ___ TO ___	48-49/ 02	1	2 50/			51-55/			56-60/	1	2 61/
MO:___ ___ 62-65/ ___ TO ___	66-67/ 03	1	2 68/			69-73/			74-78/	1	2 79/
CARD 04 8-9/04											
MO:___ ___ 10-13/ ___ TO ___	14-15/ 04	1	2 16/			17-21/			22-26/	1	2 27/
MO:___ ___ 28-31/ ___ TO ___	32-33/ 05	1	2 34/			35-39/			40-44/	1	2 45/
MO:___ ___ 46-49/ ___ TO ___	50-51/ 06	1	2 52/			53-57/			58-62/	1	2 63/
CARD 05 8-9/05											
MO:___ ___ 10-13/ ___ TO ___	14-15/ 07	1	2 16/			17-21/			22-26/	1	2 27/
MO:___ ___ 28-31/ ___ TO ___	32-33/ 08	1	2 34/			35-39/			40-44/	1	2 45/
MO:___ ___ 46-49/ ___ TO ___	50-51/ 09	1	2 52/			53-57/			58-62/	1	2 63/
CARD 06 8-9/06											
MO:___ ___ 10-13/ ___ TO ___	14-15/ 10	1	2 16/			17-21/			22-26/	1	2 27/
MO:___ ___ 28-31/ ___ TO ___	32-33/ 11	1	2 34/			35-39/			40-44/	1	2 45/
MO:___ ___ 46-49/ ___ TO ___	50-51/ 12	1	2 52/			53-57/			58-62/	1	2 63/
CARD 07 8-9/07											
MO:___ ___ 10-13/ ___ TO ___	14-15/ 13	1	2 16/			17-21/			22-26/	1	2 27/

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(cont.)

Module 3 (continued)

QUESTIONS ON THIS PAGE COVER WORK EXPERIENCE.

ASK QUESTIONS 7A-7G FOR THE JOB HELD (FOR THE LONGEST PERIOD OF TIME) IN PREVIOUS 13 WEEKS.

	LONGEST JOB WEEKS 1-13
7. I would like to get more information about the job you had from **(DATE IN Q.5A OR 6A)** to **(DATE IN Q.5B OR 6B)**. A. What kind of company or organization (do/did) you work for? **(THINGS LIKE FED. GOVT., RETAIL SALES, MANUF. LIGHT BULBS.)**	
B. What (do/did) you do there? What was your job? **(JOB DESCRIPTION, NOT JOB TITLE.)**	28-30/
C. (When you left this job), how much (do/did) you usually earn before deductions?	$ [ ][ ][ ][ ][ ] . [ ][ ] per 31-37/ Hour ..... 1 Month ..... 5 38/ Day ..... 2 Year ..... 6 Week ..... 3 Other (SPECIFY) .... 7 Every two weeks ..... 4 _____
D. How many hours per week (do/did) you usually work on this job?	[ ][ ] Hours 39-40/
E. How much did you earn altogether from that job in the past 3 months?	$ [ ][ ][ ][ ][ ] . [ ][ ] 41-47/
F. How did you find this job? Did you... **(READ LIST, CIRCLE ONE RESPONSE FOR EACH ITEM.)**	Checked with ... Mentioned / Not Mentioned Gov. emply. agency ..... 1 2 48/ Private empl. service ..... 1 2 49/ Employer directly ..... 1 2 50/ Friend or relative ..... 1 2 51/ Placed or answered ads ..... 1 2 52/ Other (SPECIFY) ..... 1 2 53/ _____ 54-65/ _____
G. While you (are/were) working at this job, (do/did) you look for other work?	Yes ..... 1 No 2 56/
REFER TO Q.5 & 6 FOR WEEKS 1-13. ASK QUESTION 8 BELOW ONLY IF R HAD MORE THAN ONE JOB IN PAST 13 WEEKS. IF R HAD ONLY ONE JOB IN PAST 13 WEEKS, SKIP TO Q. 11 8. How much did you earn, before taxes and other deductions, from all OTHER jobs you held over the last 13 weeks?	$ [ ][ ][ ][ ][ ] . [ ][ ] 57-63/

Q. 9-10 Omitted

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CARD 07 (cont.)

Module 3 (continued)

QUESTIONS 11-14 COVER R'S EXPERIENCES LOOKING FOR WORK.

REFER TO Q.5C AND 6C. IF "LOOKING FOR WORK" FOR ANY WEEKS IN WEEKS 1-13, ASK QUESTIONS 11-14 BELOW FOR THOSE 13 WEEKS. IF R DID NOT LOOK FOR WORK IN ANY OF PREVIOUS 13 WEEKS, SKIP NOW TO QUESTION 15.

	WEEKS 1-13		
	MENTIONED	NOT MENTIONED	
11. During those weeks when you were not working but looking for work between (DATE "THREE MONTHS AGO") and today what, if anything, did you do to find work? (READ LIST. CIRCLE ONE RESPONSE FOR EACH ITEM.)	Checked with		
	Govt. emply. agency ..... 1 (ASK Q.11A)	2	64/
	Private emply. service..... 1 (ASK Q.11B)	2	65/
	Employer directly ..... 1 (ASK Q.11C)	2	66/
	Friend or relative..... 1	2	67/
	Placed or answered ads 1	2	68/
	OTHER (SPECIFY)_____ 1	2	69/
	_____		70-71/
	_____		
IF "CHECKED WITH GOVT. EMPL. AGENCY", ASK Q.11A: A. During those weeks when you were looking for work, how many times did you contact govt. employment agencies?	[ ][ ]		72-73/
IF "CHECKED WITH PRIVATE EMPL. SERVICE," ASK Q.11B: B. During those weeks when you were looking for work, how many times did you contact private employment services?	[ ][ ]		74-75/
IF "CHECKED WITH AN EMPLOYER DIRECTLY," ASK Q.11C: C. During those weeks when you were looking for work, how many times did you contact employers directly?	[ ][ ]		76-77/
12. During the past three months, in the average week when you actively looked for work, how many hours altogether did you spend looking for work? Include time you may have spent traveling around to look for work, contacting employers, checking help wanted ads, and consulting with Employment Service staff.	[ ][ ]		78-79/

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CARD 08
8-9/08

Module 3 (continued)

	WEEKS 1-13
13. Were you offered any jobs during the last 13 weeks? **(USE CALENDAR.)**	Yes ..... 1 **(ASK Q.13A)** No 2 10/
IF "YES," ASK Q.13A. 13A. Did you choose not to accept any jobs that were definitely offered to you during the last 13 weeks?	Yes ..... 1 **(ASK Q.14 ALL PARTS)** No ..... 2 **(SKIP TO MODULE 4)** 11/
IF "YES" TO Q.13A, ASK Q.14 ALL PARTS. 14.A. When was the last time you chose not to accept a job that was definitely offered to you?	[ ][ ] MONTH 19[8][ ] YEAR 12-14/
ASK Qs.14B-D ABOUT MOST RECENT JOB R CHOSE NOT TO ACCEPT. 14.B. What would your rate of pay before taxes and other deductions have been?	$ [ ][ ][ ][ ][ ][ ] . [ ][ ] per 15-22/ Hour ..... 1 23/ Day ..... 2 Week ..... 3 Every two weeks ..... 4 Month ..... 5 Year ..... 6 Other **(SPECIFY)** ..... 7 _____ 24/ _____
14C. How many hours per week would you have worked?	[ ][ ] 25-26/
14.D. What was the MOST IMPORTANT reason you didn't take the job? **(CIRCLE ONLY ONE RESPONSE.)**	Pay offered too low ..... 1 27/ Didn't like hours ..... 2 Bad working conditions ..... 3 Inadequate transportation ..... 4 Child care problems ..... 5 Sick ..... 6 Other **(SPECIFY)** ..... 7 _____ 28-29/ _____ 30-31/

SKIP NOW TO MODULE 4

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15. What are the reasons you were not looking for work during that time? (DO NOT READ LIST. CODE ONE RESPONSE FOR EACH ITEM.)

	MENTIONED	NOT MENTIONED	
Believes no work available in line of work or area.....	1	2	32/
Couldn't find any work.....	1	2	33/
Lacks necessary schooling, training skills, or experience.....	1	2	34/
Employers think too young or too old..	1	2	35/
Other personal handicap in finding job.....	1	2	36/
Can't arrange child care.....	1	2	37/
Family responsibilities.....	1	2	38/
In school or other training.....	1	2	39/
Don't want to work.....	1	2	40/
Ill health, a physical disability.....	1	2	41/
Other (SPECIFY).....	1	2	42/
_____			43-44/
_____			
_____			
_____			

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CARD 08-10

MODULE 4
3-MONTH HISTORY: SOURCES OF INCOME (HOUSEHOLD)

Now I'd like to ask you some questions about the *different kinds of income* your household may have received over the last three months.

1. Have any household members 18 years and over *including yourself* worked for pay during the last three months? **(CODE "YES" OR "NO". IF "YES", ASK Q.2 AND 3 AS A UNIT. IF "NO", ASK Q.4.)**
2. What was (YOUR/THIS PERSON'S) total gross pay so far this month, that is, during the month of (MONTH)? **(MENTION MONTH AT TOP OF FIRST COLUMN AND ENTER AMOUNT IN THE APPROPRIATE SPACES.)** What was (YOUR/THIS PERSON'S) total gross pay for the last month, that is, during the month of (LAST FULL MONTH)?

CARD 09
8-9/09

WORK INCOME EARNED BY HOUSEHOLD MEMBERS OTHER THAN RESPONDENT		Q.1 Received work income from source in last 3 months? Yes	Q.1 No		Q.2 So Far this Month Month	Q.2 So Far this Month Year (10-12/ 8)	Q.2 Last Full Month Month	Q.2 Last Full Month Year (53-55/ 8)
Person #	0 1 (46-46/)	1	2	66/	$ (13-16/)		$ (56-59/)	
Person #	(47-48/)	1	2	67/	$ (17-20/)		$ (60-63/)	
Person #	(49-50/)	1	2	67/	$ (21-24/)		$ (64-67/)	
Person #	(51-52/)	1	2	68/	$ (25-28/)		$ (68-71/)	
Person #	(53-54/)	1	2	69/	$ (29-32/)		$ (72-75/)	
Person #	(55-56/)	1	2	70/	$ (33-36/)		$ (10-13/)	
Person #	(57-58/)	1	2	71/	$ (37-40/)		$ (14-17/)	
Person #	(59-60/)	1	2	72/	$ (41-44/)		$ (18-21/)	
Person #	(61-62/)	1	2	73/	$ (45-48/)		$ (22-25/)	
Person #	(63-64/)	1	2	74/	$ (49-52/)		$ (26-29/)	

CARD 10
8-9/10

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CARD 10-11

Module 4 (continued)

3. What was (YOUR/THIS PERSON'S) total gross pay for the month before that (**MENTION MONTH**)? And the month before that (**MENTION MONTH**)? (**ENTER AMOUNT FOR EACH MONTH.**) (**COMPLETE ALL MONTHS LISTED BELOW, THEN ASK Q.4**)

CARD 11
8-9/11

Q.3

Month Before				Month Before			
		30-32/				10-12/	
		8				8	
Month		Year		Month		Year	
		33-36/				13-16/	
$			.	$			.
		37-40/				17-20/	
$			.	$			.
		41-44/				21-24/	
$			.	$			.
		45-48/				25-28/	
$			.	$			.
		49-52/				29-32/	
$			.	$			.
		53-56/				33-36/	
$			.	$			.
		57-60/				37-40/	
$			.	$			.
		61-64/				41-44/	
$			.	$			.
		65-68/				45-48/	
$			.	$			.
		69-72/				49-52/	
$			.	$			.
		73-80/B					

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MODULE 4 (continued)

CARD 11-13

4. Have you or other members of your household received any income from (SOURCE) during the last three months (**READ LIST AND CODE "YES" OR "NO" FOR EACH. FOR EACH "YES" ASK Q.5 AND 6 AS A UNIT.**)?
5. How much income did you and other members of the household have from (SOURCE LISTED BELOW) so far this month? How much income did you and other members of the household have for the last full month (**MENTION MONTH**)?

CARD 12 8-9/12

NON-WORK INCOME RECEIVED BY RESPONDENT AND OTHER MEMBERS OF HOUSEHOLD	Q.4 Receive any income from this source in the last 3 months? Yes	Q.4 No		Q.5 So Far this Month Month	Q.5 So Far this Month Year (10-12/ 8)	Q.5 Last Full Month Month	Q.5 Last Full Month Year (61-63/ 8)
A. Food stamps ($ amount on authorization to purchase)	1	2	53/	$ (13-16/)		$ (64-67/)	
B. AFDC	1	2	54/	$ (17-20/)		$ (68-71/)	
C. GA	1	2	55/	$ (21-24/)		$ (72-75/)	
D. Other cash from welfare	1	2	56/	$ (25-28/)		$ (76-79/)	
E. SSI (gold checks)	1	2	57/	$ (29-32/)		$ (10-13/)	
F. SS (green checks)	1	2	58/	$ (33-36/)		$ (14-17/)	
G. UI benefits	1	2	59/	$ (37-40/)		$ (18-21/)	
H. Worker's compensation, illness, accident, or veteran's benefits	1	2	60/	$ (41-44/)		$ (22-25/)	
I. Alimony or child support not in AFDC	1	2	61/	$ (45-48/)		$ (26-29/)	
J. Tribal allocations	1	2	62/	$ (49-52/)		$ (30-33/)	
K. Education stipends, scholarships, GI benefits	1	2	63/	$ (53-56/)		$ (34-37/)	
L. Other (SPECIFY)	1	2	64/ 65-80/8	$ (57-60/)		$ (38-41/)	

CARD 13 8-9/13

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CARD 13-14

Module 4 (continued)

6. How much did you and others receive the month before that (**MENTION MONTH**)? And the month before that (**MENTION MONTH**)?

Q.6	
Month Before 42-44/	Month Before 26-28/
Month: [ ][ ] Year: 8 [ ]	Month: [ ][ ] Year: 8 [ ]
45-48/ $ [ ][ ][ ][ ] .	29-32/ $ [ ][ ][ ][ ] .
49-52/ $ [ ][ ][ ][ ] .	33-36/ $ [ ][ ][ ][ ] .
53-56/ $ [ ][ ][ ][ ] .	37-40/ $ [ ][ ][ ][ ] .
57-60/ $ [ ][ ][ ][ ] .	41-44/ $ [ ][ ][ ][ ] .
61-64/ $ [ ][ ][ ][ ] .	45-48/ $ [ ][ ][ ][ ] .
65-68/ $ [ ][ ][ ][ ] .	49-52/ $ [ ][ ][ ][ ] .
69-72/ $ [ ][ ][ ][ ] .	53-56/ $ [ ][ ][ ][ ] .
73-76/ $ [ ][ ][ ][ ] .	57-60/ $ [ ][ ][ ][ ] .
10-13/ $ [ ][ ][ ][ ] .	61-64/ $ [ ][ ][ ][ ] .
14-17/ $ [ ][ ][ ][ ] .	65-68/ $ [ ][ ][ ][ ] .
18-21/ $ [ ][ ][ ][ ] .	69-72/ $ [ ][ ][ ][ ] .
22-25/ $ [ ][ ][ ][ ] .	73-76/ $ [ ][ ][ ][ ] .
	77-80/8

CARD 14
8-9/14

Thank you very much for your help.

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ADDITIONAL INFORMATION ABOUT THE 6-MONTH INTERVIEW

READ ONLY IF THE RESPONDENT REQUESTS ADDITIONAL INFORMATION

PURPOSE:
This research is required by the Food Stamp Act of 1977. Your responses, along with the responses of many others, will be used by the Government to help plan programs which will help people who need food stamps.

HOW YOU GOT MY NAME OR WHY WAS I CALLED:
Your name was selected as part of a sample which represents households in this country which have been part of the Food Stamp Program during the past six months.

CONFIDENTIALITY:
Your privacy is guaranteed by the Privacy Act of 1974. Under this law, your answers cannot be released in any manner which would enable someone to identify you. No one in the government will see your name, address, or telephone number. (IF NECESSARY, SHOW THE RESPONDENT YOUR COPY OF THE SIGNED CONFIDENTIALITY AGREEMENT.)

CAN YOU GET ME A JOB OR IS THIS INTERVIEW FOR A JOB:
No, I am only collecting information from people in the Food Stamp Program. You will have to talk to the Food Stamp Office or Employment Office for help in finding work.

WILL MY BENEFITS OR ELIGIBILITY FOR FOOD STAMPS BE AFFECTED (IF I DON'T PARTICIPATE):
No. Your local Food Stamp Office knows about this research in general but does not know we have asked you to do an interview.

WHY SHOULD I TAKE PART:
Your participation is voluntary. Your name was randomly selected to represent other people similar to yourself. Your answers will help the Government improve the Food Stamp Program.

I'M TOO BUSY OR I DON'T HAVE TIME:
The questions won't take long. You can go ahead with your work and I'll run through the items (BEGIN IMMEDIATELY). Or, What would be a better time for me to come back? I'll note down an appointment that would be more convenient for you.

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FOOD STAMPS DEMONSTRATION PROJECT
3 Month Interview
Respondent Information Booklet

Abt Associates Inc.
55 Wheeler Street
Cambridge, MA 02138
August 1983

CARD 1
8-9/01

Form Approved
OMB No. 0584-0254
Expires 6/30/84

AFFIX ASSIGNMENT LABEL HERE

10-39
40-69

CARD 2
8-9/02

10-31
32-41
42-57
58-66

67

MAKE ANY CORRECTIONS/UPDATES TO THE ABOVE ON THE LABEL

FINAL STATUS

Completed	01	Moved Out of SMSA	07
Refused	02	Language Barrier	08
Breakoff	03	Final Can't Locate	09
Respondent Deceased	04	Final Other (Specify)	10
Respondent Institutionalized	05		
Other No Contact	06	Contact Info Unavailable	11

DATE INTERVIEW COMPLETED

Mo.	Day	Year
		8

68-72

RECORD OF CONTACT ATTEMPTS

	Attempt	In-Person, Tel., Letter	Date & Time	Interviewer ID	Outcome & Comments
1.					
2.					
3.					
4.					
5.					

All information which would permit identification of any individual will be held strictly confidential, will be used only by persons engaged in the Food Stamp Work Registration and Job Search Demonstration Evaluation, and will not be disclosed or released to others for any other purposes.

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3 Month Interview
Respondent Information Booklet

Module 1.Q.1

I'd like to make sure that I have your name down correctly. (**RECORD ON LINE 1.**) Now I would like to ask you about the children, other relatives and friends living in your household at the present time, whether they are away from home or not and anyone who has no other place of residence, starting with the oldest.

(LIST FULL NAME OF EACH HOUSEHOLD MEMBER BELOW AND RECORD ONLY THE INITIALS OF EACH MEMBER ON THE QUESTIONNAIRE.)

Listing	Names of Household Members: First	Middle	Last
1. (Respondent)			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Module 5. Q.2A, 2B

	Address: No.	Street Name	Apt #	Length of Time at Address
Previous Address				Days . . . . 1 Weeks . . . 2 Months . . 3 Years 4
	City/Town	State	Zip	

Module 5.Q.3

Moving Plans?

Module 5.Q.4

Two close relatives/friends

#1.
Name
First Middle Last
Street Address Apt #
City/Town State Zip
Phone Number ___ - ___ - ____

#2.
Name
First Middle Last
Street Address Apt #
City/Town State Zip
Phone Number ___ - ___ - ____

Module 5.Q.5

Present Street Address corrections and updates: **RECORD ON COVER PAGE.**

Module 5.Q.7

Home Telephone Number changes, corrections: **RECORD ON COVER PAGE.**

Module 5.Q.8

Other Telephone Number for contacting respondent: **RECORD ON COVER PAGE.**

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3 Month Interview
Respondent Information Booklet

INTERVIEWER OBSERVATIONS AND REMARKS (FILL OUT THIS SECTION IMMEDIATELY AFTER YOU LEAVE THE HOUSEHOLD)

A. What was the respondent's attitude toward the interview?

Friendly and eager	1
Cooperative, but not eager	2
Indifferent, bored	3
Somewhat hostile	4
Very hostile	5

B. How accurate would you say the information provided in the following modules is?

	Module 3	Module 4
Very accurate	1	1
Fairly accurate	2	2
Inaccurate	3	3
Not applicable	4	4

C. Other comments?

FOR INTERVIEWER USE

Tracking and Follow-Up Information

Abt Associates Inc.
55 Wheeler Street
Cambridge, Massachusetts 02138

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3 Month Interview
Respondent Information Booklet

FOOD STAMPS DEMONSTRATION PROJECT

NON-INTERVIEW REPORT

Please fill out this form for all non-complete interviews.

PLEASE PRINT:

Respondent's Name:_____ Date_____

1. Why were you unable to complete this interview?

   Refusal (ANSWER 2, 3, 5, 7).....1
   Breakoff (ANSWER 3, 5, 7).....2
   No contact (ANSWER 7).....3
   Respondent moved out of area.....4
   Language barrier (ANSWER 6, 7).....5
   Can't locate (ANSWER 7).....6
   Temporarily ill or unavailable (ANSWER 4, 5, 7).....7
   Other (ANSWER 5).....8

2. IF REFUSED: Did the respondent refuse to be interviewed or did someone else refuse?

   Respondent refused.....1
   Someone else (SPECIFY)_____
   _____2

3. IF REFUSED OR BROKE OFF:

   A. What was the reason given? (RECORD VERBATIM)

   B. What other important circumstances help explain the reason for breakoff or refusal?

4. IF ILL/UNAVAILABLE OR OTHER:

   Describe details.

5. IF REFUSED, BROKE OFF, UNAVAILABLE OR OTHER
   Do you think we can complete this interview?

   Yes.....1
   No.....2

6. IF LANGUAGE BARRIER: What language does the respondent speak?

7. RECOMMENDED ACTION

Interviewer's Signature_____

ID # [ ][ ][ ]

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Abt Associates Inc.
55 Wheeler Street
Cambridge, MA 02138
August 15, 1983

Form Approved
OMB No. 0584-0254
Expires: June 30, 1984

FOOD STAMP WORK REGISTRATION AND JOB SEARCH DEMONSTRATION EVALUATION

3-Month Interview

INTERVIEWER CERTIFICATION

This interview has been conducted according to all procedures specified in the Food Stamp Demonstration Project Interviewer Field Manual for Client Surveys.

Signature _____ Date _____

All information which would permit identification of any individual will be held strictly confidential, will be used only by persons engaged in the Food Stamp Demonstration Project, and will not be disclosed or released to others for any other purposes.

AAI ID#: [ ][ ] [ ] [ ][ ][ ][ ] 1-7/

CARD 01
8-9/01

Date of Assignment: [ ][ ] Month [ ][ ] Day [8][ ] Year 10-14/

Date Interview Conducted: [ ][ ] Month [ ][ ] Day [8][ ] Year 15-19/

Interviewer ID: [ ][ ] 20-21/

Total Attempts: [ ][ ] 22-23/

FINAL STATUS:

Completed	01
Refused	02
Breakoff	03
Respondent Deceased	04
Respondent Institutionalized	05
Other No Contact	06
Moved Out of SMSA	07
Language Barrier	08
Final Can't Locate	09
Final Other (Specify)	10
Contact Information Unavailable	11

24/B

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READ INTRODUCTION TO RESPONDENT.

My name is _____. I'd like to talk with (MENTION NAME OF RESPONDENT) about a study that Brandeis University and Abt Associates of Cambridge, Massachusetts are doing for the U.S. Department of Agriculture. The results of this study will be used by the government to help plan programs which help people who receive food stamps. Did you receive a letter we sent you about this study?

Yes	1
No (READ LETTER). . . .	2

Did you read the letter?

Yes	1
No (READ LETTER). . . .	2

IF "YES," ASK:

Do you have any questions?

As the letter indicated, the information that you give will be kept in complete confidence and will never be reported in any way that allows you to be individually identified. No one in the government will ever see your answers. While your participation in this interview is, of course voluntary and has no effect on any benefits you are now receiving or might receive from any government program, it is extremely important that we get your opinions so that people like yourself are properly represented in the study.

BEGIN INTERVIEW.

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3 Month Survey
MODULE 1
HOUSEHOLD COMPOSITION

1. Now I would like to ask you about the children, relatives and friends living in your household at the present time.

ASK Q.'S 1 AND 2 AS A UNIT. THEN ASK Q.'S 3-6 FOR RESPONDENT FIRST; THEN THE HOUSEHOLD MEMBERS.

1A. First of all, I'd like to make sure that I have your name down correctly. **(VERIFY SPELLING OF FIRST, MIDDLE AND LAST NAME; RECORD ON RESPONDENT INFORMATION BOOKLET; RECORD ONLY THE INITIALS OF EACH HOUSEHOLD MEMBER IN THE SPACES PROVIDED BELOW.)**

	01	02	03	04
Person No.	25-26 0 1	34-35 0 2	43-44 0 3	52-53 0 4
1. Initials of Household Member	Respondent	Person 2	Person 3	Person 4
2. Relationship to Respondent	27 Self	36	45	54
3. Sex	28 Male ..... 1 Female 2	37 Male ..... 1 Female 2	46 Male ..... 1 Female 2	55 Male ..... 1 Female 2
4. Date of Birth	29-32 Mo. Yr.	38-41 Mo. Yr.	47-50 Mo. Yr.	56-59 Mo. Yr.
5. Educational Status	33	42	51	60
Enrolled Full-Time 1	 1	 1	 1	 1
Enrolled Part-Time 2	 2	 2	 2	 2
Not Enrolled 3	 3	 3	 3	 3

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CARD 01-02

1B. Please give me the names of everyone else who usually lives here starting with the oldest — include everyone whether they are away from home or not and anyone who has no other place of residence. **(RECORD FULL NAME OF EACH HOUSEHOLD MEMBER ON THE RESPONDENT INFORMATION BOOKLET; RECORD INITIALS IN SPACES PROVIDED BELOW.)**

1C. Have we missed anyone such as new babies, lodgers, or boarders, people who usually live here but are away on business or traveling, at school or in a hospital?

2. What is (PERSON'S) relationship to you?
3. **CODE SEX. IF NOT OBVIOUS, ASK:** Is (PERSON) a male or female?
4. What is (your/his/her) date or birth?
5. [Are you/is (PERSON)] currently enrolled in school, either full-time or part-time?

CARD 02
8-9/02

05	06	07	08	09	10
61-62	70-71	10-11	19-20	28-29	37-38
0 5	0 6	0 7	0 8	0 9	1 0
Person 5	Person 6	Person 7	Person 8	Person 9	Person 10
63	72	12	21	30	39
64	73	13	22	31	40
Male . . . . . 1 Female 2	Male . . . . . 1 Female 2	Male . . . . . 1 Female 2	Male . . . . . 1 Female 2	Male . . . . . 1 Female 2	Male . . . . . 1 Female 2
65-68	74-77	14-17	23-26	32-35	41-44
Mo. Yr	Mo. Yr.	Mo. Yr.	Mo. Yr.	Mo. Yr.	Mo. Yr.
69	78	18	27	36	45
. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3	. . . . . 1 . . . . . 2 3

MODULE 1 (cont.)

6. Are you . . . (READ LIST AND CIRCLE ONLY ONE RESPONSE.)

Married? 1 46/

Widowed? 2

Divorced or separated? . . 3

Never married? 4

ASK QUESTION 7 BELOW ONLY IF NECESSARY.

7. Now I'm going to read you a set of categories for a person's race or ethnic group. Please tell me which category applies to you. (READ LIST. CIRCLE ONLY ONE RESPONSE.)

American Indian or Alaskan Native 1 47/

Asian or Pacific Islander 2

Black, not of Hispanic Origin 3

Hispanic. 4

White, not of Hispanic Origin 5

8. What is the highest grade or year of regular school you have completed? (CIRCLE ONLY ONE RESPONSE.)

Elementary 01..02..03..04..05..06..07..08 48-49/

High 09..10..11..12

College 13..14..15..16..17..18

No formal schooling. 55

9. Besides going to school, did you receive any other training lasting more than two weeks?

Yes 1 50/

No (SKIP TO MODULE 2A). . . . 2

IF "YES", ASK A:

A. What kind of training was that?

_____ 51/

_____ 52-53/B

_____

_____

GO ON TO NEXT MODULE.

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MODULE 2
PROGRAM EXPERIENCES

NOTE: QUESTION 1 IN THIS MODULE IS SITE-SPECIFIC. REFER TO THE QUESTION CORRESPONDING TO YOUR SITE.

MAINE, VIRGINIA, SAN DIEGO: ASK Q.1A, 1B.

KENTUCKY: ASK Q.1A, 1B, 1C.

NASSAU, FRESNO: ASK Q.1D, 1E.

FLORIDA: ASK 1F, 1G.

MAINE, VIRGINIA, SAN DIEGO, KENTUCKY:

1.A Three months ago when you or someone in your household applied for food stamps, were you told to report to a job counselor for help in finding a job as part of your application for food stamps?

YES 1 54/
NO 2

1.B During the last three months, did you go on your own to your local Employment Service Office for help in finding a job?

YES 1 55/
NO 2

MAINE, VIRGINIA, SAN DIEGO:
NOW SKIP TO Q. 2
KENTUCKY: GO ON TO Q.1C.

KENTUCKY ONLY:

1.C Were you told to participate in an Employability Skills Training Workshop or a job club after your application for food stamps?

YES 1 56/
NO 2

NOW SKIP TO Q.2

NASSAU AND FRESNO COUNTIES ONLY:

1.D Three months ago, when you or someone in your household applied for food stamps, were you told that you would have to look for work before your application/recertification would be approved?

YES (ASK a-c). . . 1 57/
NO (SKIP TO Q.2) . 2

a. Were you given specific instructions about what you must do in looking for work?

YES 1 58/
NO 2

b. Did you make the required number of employer contacts?

YES 1 59/
NO 2

c. Was your application for food stamps denied?

YES (ASK i). . . . 1 60/
NO (GO ON TO Q.1.E) 2

i. IF YES TO Q.1c, ASK:

Did the denial occur because you did not comply with the rules for looking for work?

YES 1 61/
NO 2

1.E During the last three months, did you go on your own to your local Employment Service for help in finding a job?

YES 1 62/
NO 2

SKIP TO Q.2

MODULE 2 (cont.)

FLORIDA ONLY:

1.F Three months ago, when you or someone in your household applied for food stamps, were you told to report to the local Employment Service at _____?

YES (SKIP TO Q.2). 1 63/

NO 2

1.G During the last three months, did you go to the Employment Service office on your own to get help in looking for a job?

YES. 1 64/

NO 2

2. Now I am going to read a list of services you may have received from the [site-specific] during the past 3 months. Did anyone . . .(READ LIST. CIRCLE ONE RESPONSE FOR EACH ITEM.)

	Yes	No	
1. Help you decide what kind of work would be best for you to do?	1	2	65/
2. Tell you how to look for a job, how to do well in job interviews, fill out application forms, and things like that?	1	2	66/
3. Provide counseling services?	1	2	67/
4. Give you a job listing to look at?	1	2	68/
5. Assign you to a job-finding club?	1 (ASK A)	2	69/

A. Did you actually attend the job club?

Yes (ASK B-D). 1 70/

No (ASK E) 2

B. How many times did you attend per week?

|__|__| times 71-72/

C. Are you currently attending the job club?

Yes 1 73/

No 2

D. During the time you were attending the job club were you offered a job?

Yes 1 74/

No 2

SKIP NOW TO ITEM 6 BELOW

E. Why didn't you attend the job club? (DO NOT READ LIST.)

I FOUND A JOB. 1 75/

I WAS OUT OF TOWN. 2

OTHER (SPECIFY)_____ 3 76/

_____

CARD 03
9-10/03

6. Assign you to a public job to earn your food stamps? . . . . . .

Yes	No	
.1 (ASK F). .	2	11/

F. What did you do there? What was your job?

_____ 12-14/

_____

7. Offer to give you a test to see what job would be good for you?. . . . 1 . . . . . 2 15/

8. Send you to a specific job?. . . . . 1 (ASK G). . 2 16/

G. To how many specific jobs were you referred?

|__|__| jobs 17-18/

MAINE, VIRGINIA, SAN DIEGO, FRESNO, FLORIDA SKIP NOW TO Q.3.
ASK Q.9 AND Q.10 ONLY FOR NASSAU COUNTY AND KENTUCKY:

9. Assign you to a class in how to look for jobs (in Nassau, known as ERT; in Kenttucky, known as EST)? . . 1 . . . . . 2 19/

CARD 03 (cont.)

MODULE 2 (cont.)

	Yes	No	
10. Give you any other help in looking for a job? (SPECIFY).	1	2	20/
_____			21-22/
_____			

3. During the past 3 months after you were certified to receive food stamps, were you told to go out and look for jobs by the (Food Stamp Agency Job Counselors/Employment Service Job Counselors), and were you given any specific instructions about looking for a job?

Yes (ASK A-C). 1 23/

No (SKIP TO Q.4) 2

IF "YES", ASK A-C:

A. How many employer contacts were you required to make?

|__|__| contacts 24-25/

Not told how many (SKIP TO C). . . . 1 26/

B. How many weeks did you have?

|__|__| weeks 27-28/

C. How many employer contacts did you make?

|__|__| contacts 29-30/

4. During the past 3 months, did anyone at the (Food Stamp office/Employment Service) ask you to report on your progress in looking for a job?

Yes (ASK A) 1 31/

No (SKIP TO Q.5) . . 2

IF "YES", ASK A:

A. Did you do this?

Yes 1 32/

No 2

MODULE 2 (cont.)

5. Were you told what would happen if you did not look for a job?

Yes 1 33/

No 2

6. Were you told what would happen if you did not accept a job if offered to you? PROBE: What would they do to you? (DO NOT READ LIST. CIRCLE AS MANY AS APPLY.)

LOSE FOOD STAMPS 1 34/

NOTHING (UNSPECIFIED) 2

NOTHING WOULD HAPPEN BECAUSE I AM EXEMPT. . . . 3

OTHER (SPECIFY)_____ . . . 4 35-36/

_____

7. Did you have your food stamp benefits stopped for not following the program rules during the past 3 months?

Yes (ASK A) 1 37/

No (GO ON TO Q.8) 2

IF "YES", ASK A:

A. What did you do to cause this? 38-39/

Table of Contents

MODULE 2 (cont.)

8. Did you have your food stamp benefits stopped for any other reason?

Yes (ASK A) 1 40/

No (GO ON TO NEXT MODULE) . 2

A. IF "YES", ASK A:

A. What was the reason? (DO NOT READ LIST.)

I found a job 1 41/

I moved 2

Other (SPECIFY)_____ 3 42/

_____

GO ON TO NEXT MODULE.

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MODULE 3
WORK EXPERIENCE

ASK EVERYONE. USE CALENDAR AS NECESSARY DURING THIS MODULE TO HELP RESPONDENT KNOW WHAT DATES WE ARE ASKING ABOUT.

1. What were you doing most of last week—working, keeping house, going to school, or something else? (DO NOT READ LIST. CIRCLE ONLY ONE RESPONSE.)

Working (SKIP TO Q.3)	1	43/
With a job but not at work.	2	
Looking for work.	3	
Keeping house	4	
Going to school	5	
Unable to work (SKIP TO Q.3).	6	
Retired	7	
Other (SPECIFY)_____	8	44-45/

_____

2. Did you do any work at all last week, not counting work around the house?

Yes	1	46/
No	2	

3. Have you actively looked for work during the past 4 weeks?

Yes	1	47/
No	2	

CARD 03 (cont.)

MODULE 3 (cont.)

NOW CHECK BACK TO Q.1 IN THIS MODULE. IF RESPONDENT SAID "WORKING" SKIP NOW TO Q.5. OTHERWISE, CONTINUE ON WITH Q.4.

4. Is there any reason why you could not take a job last week?

Yes (ASK A)	1	48/
No (SKIP TO Q.5) . .	2	

IF "YES", ASK A:

A. What was the reason? (DO NOT READ LIST. CIRCLE ONLY ONE RESPONSE.)

Already has a job	1	49/
Temporary illness	2	
Going to school	3	
Other reason (SPECIFY)_____	4	50/

_____

51-80 Blank

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We are interested in your activities between six months ago which was (**DATE "6 MONTHS AGO" ON LABEL**) up to today. The activities I'm interested in are working, looking for work, and any other activities such as periods of unemployment. Let's begin with the present and work back.

5. Were you working or not working (last week/the week before that)? (**SHOW CALENDAR TO BE SURE R KNOWS WEEK YOU ARE ASKING ABOUT. WEEK 1 IS LAST WEEK, WEEK 2 IS 2 WEEKS AGO,. ETC.**)

IF "WORKING" ASK Q.5A & 5B:

5A. When did you begin working at this job?

5B. When did you stop working at this job? (**IF R IS STILL WORKING WRITE "STILL WORKING" IN DATE BOXES PROVIDED.**)

IF "NOT WORKING" ASK Q.5C:

5C. Were you actively looking for work (last week/the week before that)? (**RECORD IN GRID.**)

REPEAT QUESTIONS 5-5C FOR THE 26 WEEKS. WHEN ALL 26 WEEKS ARE ACCOUNTED FOR, GO ON TO QUESTION 7 IN THIS MODULE. IF R MENTIONS THAT HE/SHE WAS WORKING FOR MORE THAN ONE WEEK, YOU DO NOT HAVE TO ASK QUESTIONS 5, 5A, 5B, 5C FOR THE WEEKS COVERED BY THE DATES OF THE JOB.

6. QUESTION 6 IS OMITTED.

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CARD 04
8-9/04

WEEK NUMBER	Q.5 WORKING	Q.5 NOT WORKING	Q.5A BEGAN WORKING MONTH	Q.5A DAY	Q.5A YEAR	Q.5B STOPPED WORKING MONTH	Q.5B DAY	Q.5B YEAR	Q.5C ACTIVELY LOOKED FOR WORK YES	Q.5C NO
10-11/ 01	1	12/			13-17/			18-22/	1	23/ 2
24-25/ 02	1	26/ 2			27-31/			32-36/	1	37/ 2
38-39/ 03	1	40/ 2			41-45/			46-50/	1	51/ 2
52-53/ 04	1	54/ 2			55-59/			60-64/	1	65/ 2
CARD 05 8-9/05 10-11/ 05	1	12/ 2			13-17/			18-22/	1	23/ 2
24-25/ 06	1	26/ 2			27-31/			32-36/	1	37/ 2
38-39/ 07	1	40/ 2			41-45/			46-50/	1	51/ 2
52-53/ 08	1	54/ 2			55-59/			60-64/	1	65/ 2
ARD 06 1-9/06 10-11/ 09	1	12/ 2			13-17/			18-22/	1	23/ 2
24-25/ 10	1	26/ 2			27-31/			32-36/	1	37/ 2
38-39/ 11	1	40/ 2			41-45/			46-50/	1	51/ 2
52-53/ 12	1	54/ 2			55-59/			60-64/	1	65/ 2
ARD 07 8-9/07 10-11/ 13	1	12/ 2			13-17/			18-22/	1	23/ 2
24-25/ 14	1	26/ 2			27-31/			32-36/	1	37/ 2
38-39/ 15	1	40/ 2			41-45/			46-50/	1	51/ 2
52-53/ 16	1	54/ 2			55-59/			60-64/	1	65/ 2
CARD 08 8-9/08 10-11/ 17	1	12/ 2			13-17/			18-22/	1	23/ 2
24-25/ 18	1	26/ 2			27-31/			32-36/	1	37/ 2
38-39/ 19	1	40/ 2			41-45/			46-50/	1	51/ 2
52-53/ 20	1	54/ 2			55-59/			60-64/	1	65/ 2
ARD 09 8-9/09 10-11/ 21	1	12/ 2			13-17/			18-22/	1	23/ 2
24-25/ 22	1	26/ 2			27-31/			32-36/	1	37/ 2
38-39/ 23	1	40/ 2			41-45/			46-50/	1	51/ 2
52-53/ 24		54/ 2			55-59/			60-64/	1	65/ 2
ARD 10 8-9/10 10-11/ 25		12/ 2			13-17/			18-22/	1	23/ 2
24-25/ 26	1	26/ 2			27-31/			32-36/	1	37/ 2

Module 3 (continued)

ASK QUESTIONS 7A-7F FOR THE JOB HELD (FOR THE LONGEST PERIOD OF TIME) IN THE PAST 3 MONTHS. IF R HAD A DIFFERENT JOB DURING THE 3 MONTHS BEFORE THAT, REPEAT QUESTIONS 7A,B,C. AGAIN FOR THAT JOB, IF R HAD TWO JOBS IN THE 3 MONTHS BEFORE THAT, ASK QUESTIONS 7A,B,C, FOR THE JOB HELD FOR THE LONGEST PERIOD OF TIME.

	LONGEST JOB PAST 3 MONTHS	LONGEST JOB 4-6 MONTHS AGO
7. I would like to get more information about the job you had from (DATE IN Q.5A) to (DATE IN Q.5B). A. What kind of company or organization (do/did) you work for) THINGS LIKE FED. GOVT., RETAIL SALES, MANUF. LIGHT BULBS.)		
B. What (do/did) you do there) What was your job? (JOB DESCRIPTION, NOT JOB TITLE.)	38-40/	68-71/
C. (When you left this job), how much (do/did) you usually earn before deductions?	$ [ ][ ][ ][ ][ ] . [ ][ ] per 41-47/ Hour . . . . . 1 Month . . . . . 5 48/ Day . . . . . 2 Year . . . . . 6 Week . . . . . 3 Other (SPECIFY) . . . . . 7 Every two weeks . . . . . 4 _____ 49/	CARD 11 8-9/11 $ [ ][ ][ ][ ][ ] . [ ][ ] per 10-11/B 12-19/ Hour . . . . . 1 Month . . . . . 5 20/ Day . . . . . 2 Year . . . . . 6 Week . . . . . 3 Other (SPECIFY) . . . . . 7 Every two weeks . . . . . 4 _____ 21/
D. How many hours per week (do/did) you usually work on this job?	[ ][ ] Hours 50/B 51-52/	
E. How much did you earn altogether from that job in the past 3 months?	$ [ ][ ][ ][ ][ ] . [ ][ ]	
F. How did you find this job? Did you...(READ LIST; CIRCLE ONE RESPONSE FOR EACH ITEM.)	Yes / No Check with... A gov't emply. agency . . . . . 1 2 53/ A private emply. service . . . 1 2 54/ An employer directly . . . . . 1 2 55/ A friend or relative . . . . . 1 2 56/ Did you place or answer ads . 1 2 57/ Do something else? . . . . . 1 2 58/ (SPECIFY) _____ _____ 59-60/	
G. While you (are/were) working at this job, (do/did) you look for other work?	Yes . . . . . 1 No 2 61/	
REFER TO Q.5 FOR MONTHS 1-3. ASK QUESTION 8 BELOW ONLY IF R HAD MORE THAN ONE JOB IN PAST 3 MONTHS. IF R HAD ONLY ONE JOB IN PAST 3 MONTHS, SKIP TO Q.9. 8. How much did you earn, before taxes and other deductions, from all OTHER jobs you held over the last 3 months?	$ [ ][ ][ ][ ][ ] . [ ][ ] 62-68/	Card 10 Cont.

CARD 11 (cont.)

MODULE 3 (cont.)

8. How much did you earn, before taxes and other deductions, altogether from all of the jobs you held in 1982?

$ |_|_|_|_|_|_|.|_|_| 22-28/

10. A. During 1982, how many weeks did you work?

|_|_| weeks 29-30/

B. Of those weeks when you did not work during 1982, how many weeks did you look for work?

|_|_| weeks 31-32/

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QUESTIONS 11-14 COVER R'S EXPERIENCES LOOKING FOR WORK.

REFER TO Q.5C. IF "LOOKING FOR WORK" FOR ANY WEEKS IN PAST 3 MONTHS, ASK QUESTIONS 11-14 BELOW FOR THOSE 3 MONTHS. IF R LOOKED FOR WORK DURING 4-6 MONTHS AGO, REPEAT Q.11 (ALL PARTS, AS NECESSARY) FOR THAT TIME PERIOD. IF R DID NOT LOOK FOR WORK IN ANY OF THE PREVIOUS 6 MONTHS, SKIP NOW TO MODULE 4.

	PAST 3 MONTHS	4-6 MONTHS AGO
11. During those weeks when you were not working but looking for work between **(DATE SIX MONTHS AGO)** and **(APPLICATION DATE ON LABEL)** what, if anything, did you do to find work) Did you . . . **(READ LIST. CIRCLE ONE RESPONSE FOR EACH ITEM.)**	Yes / No Check with . . . A gov't emply. agency . . . . . 1 **(ASK Q.11A)** 2 33/ A private emply. service . . . . 1 **(ASK Q.11B)** 2 34/ An employer directly . . . . . 1 **(ASK Q.11C)** 2 35/ A friend or relative . . . . . 1 2 36/ Did you place or answer ads . . 1 2 37/ Do something else? . . . . . 1 2 38/ **(SPECIFY)**_____ _____ 39-40/	Yes / No Check with . . . A gov't emply. agency . . . . . 1 **(ASK Q.11A)** 2 49/ A private emply. service . . . . 1 **(ASK Q.11B)** 2 50/ An employer directly . . . . . 1 **(ASK Q.11C)** 2 51/ A friend or relative . . . . . 1 2 52/ Did you place or answer ads . . 1 2 53/ Do something else? . . . . . 1 2 54/ **(SPECIFY)**_____ _____ 55-56/
IF "CHECKED WITH GOVT. EMPLY. AGENCY", ASK Q.11A: A. During those weeks when you were looking for work, how many times did you contact govt. employment agencies?	[ ][ ] 41-42/	[ ][ ] 57-58/
IF "CHECKED WITH PRIVATE EMPLY. SERVICE," ASK Q.11B: B. During those weeks when you were looking for work, how many times did you contact private employment services?	[ ][ ] 43-44/	[ ][ ] 59-60/
IF "CHECKED WITH AN EMPLOYER DIRECTLY," ASK Q.11C: C. During those weeks when you were looking for work, how many times did you contact employers directly?	[ ][ ] 45-46/	[ ][ ] 61-62/
QUESTIONS 12-14 BELOW REFER TO PAST 3 MONTHS ONLY.		
12. In the average week when you actively looked for work, how many hours altogether did you spend looking for work? Include time you may have spent traveling around to look for work, contacting employers, checking help wanted ads, and consulting with Employment Service staff.	[ ][ ] 47-48/	CARD 11 Cont.

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	PAST 3 MONTHS	4-6 MONTHS AGO
13. Were you offered any jobs during the last 3 months? (USE CALENDAR.)	Yes . . . . . 1 (ASK Q.13A) No . . . . . 2 (SKIP TO MODULE 4) 63/	
IF "YES" TO Q.13, ASK Q.13A. 13A. Did you choose not to accept any jobs that were definitely offered to you during the last 3 months?	Yes . . . . . 1 (ASK Q.14 ALL PARTS) No . . . . . 2 (SKIP TO MODULE 4) 64/	
IF "YES" TO Q.13A, ASK Q.14 ALL PARTS. 14A. When was the last time you chose not to accept a job that was definitely offered to you?	[ ][ ] MONTH 19[8][ ] YEAR 65-67/	
14B. What would your rate of pay before taxes and other deductions have been?	$ [ ][ ][ ][ ][ ][ ] . [ ][ ] per 68-75/ CARD 12 8-9/12 Hour . . . . . 1 Day . . . . . 2 Week . . . . . 3 Every two weeks . . . . . 4 10/ Month . . . . . 5 Year . . . . . 6 Other (SPECIFY) . . . . . 7 11/ _____ _____	
14C. How many hours per week would you have worked?	[ ][ ] 12-13/	
14D. What was the MOST IMPORTANT reason you didn't take the job) (CIRCLE ONLY ONE RESPONSE.)	Pay offered too low . . . . . 1 Didn't like hours . . . . . 2 Bad working conditions . . . . . 3 Inadequate transportation . . . . . 4 14/ Child care problems . . . . . 5 Sick . . . . . 6 Other (SPECIFY) . . . . . 7 _____ 15-16/ _____ 17-18/	CARD 11-12

Table of Contents

CARD 12-13 (cont.)

MODULE 4
6-MONTH HISTORY: SOURCES OF INCOME (HOUSEHOLD)

Now I'd like to ask you some questions about the *different kinds of income* your household may have received over the last six months. **(ENTER IN THE SPACES PROVIDED THE PERSON #'s OF ALL HOUSEHOLD MEMBERS.)**

1. Have any household members 18 years and over *including yourself* worked for pay during the last six months? **CODE "YES" OR "NO" FOR EACH PERSON # LISTED BELOW.. IF "YES", ASK Q.2 and 3 AS A UNIT. IF "NO", ASK Q.4)**
2. What was your/their total gross pay for last month, that is, during the month of (MONTH)? **(MENTION MONTH AT TOP OF FIRST COLUMN AND ENTER THE AMOUNT IN THE APPROPRIATE SPACES.**

WORK INCOME EARNED BY HOUSEHOLD MEMBERS	Q.1 Yes	Q.1 No	Q.1 Receive any income from this source in the last 6 months?	Q.2 Last Full Month (Month / Year: 8)	Q.3 Month Before (Month / Year: 8)
Person # 19-20	1	2	39	$ 49-52	$ 22-25
Person # 21-22	1	2	40	$ 53-56	$ 26-29
Person # 23-24	1	2	41	$ 57-60	$ 30-33
Person # 25-26	1	2	42	$ 61-64	$ 34-37
Person # 27-28	1	2	43	$ 65-68	$ 38-41
Person # 29-30	1	2	44	$ 69-72	$ 42-45
Person # 31-32	1	2	45	$ 73-76	$ 46-49
Person # 33-34	1	2	46	CARD 13 8-9/13 10-13 $	$ 50-53
Person # 35-36	1	2	47	$ 14-17	$ 54-57
Person # 37-38	1	2	48	$ 18-21	$ 58-61

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CARD 13-16

Module 4 (continued)

3. Is that the same amount that you/they received for this work during each of the five months before that? **(IF "YES", DRAW A LINE THROUGH THE SPACES PROVIDED FOR THE OTHER MONTHS LISTED AT THE TOP OF THE GRID. IF "NO", ASK RESPONDENT TO INDICATE MONTHS AND TOTAL GROSS PAY RECEIVED FOR THIS WORK. COMPLETE ALL MONTHS LISTED BELOW.)**

Q.3

Month Before (Month / Year: 8)	Month Before (Month / Year: 8)	Month Before (Month / Year: 8)	Month Before (Month / Year: 8)
62-65	34-37	CARD 15 8-9/15 10-13	50-53
66-69	38-41	14-17	54-57
70-73	42-45	18-21	58-61
74-77	46-49	22-25	62-65
CARD 14 8-9/14 10-13	50-53	26-29	66-69
14-17	54-57	30-33	70-73
18-21	58-61	34-37	74-77
22-25	62-65	38-41	CARD 16 8-9/16 10-13
26-29	66-69	42-45	14-17
30-33	70-73	46-49	18-21

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4. Have you or other members of your household received any income from (**SOURCE**) during the last six months. **FOR EACH "YES" ASK Q.5 and 6 AS A UNIT, THEN ASK Q.4 ABOUT THE NEXT SOURCE. CODE A RESPONSE FOR EACH SOURCE.)**
5. How much income did you and other members of the household have from (**SOURCE LISTED BELOW**) during the last full month? (**MENTION MONTH AT TOP OF FIRST COLUMN AND ENTER THE AMOUNT IN THE APPROPRIATE SPACES.)**

NON-WORK INCOME RECEIVED BY RESPONDENT AND OTHER MEMBERS OF HOUSEHOLD	Q.4 Receive any income from this source in the last 6 months? Yes	Q.4 No		Q.5 Last Full Month: Month	Q.5 Last Full Month: Year (8 2)	Q.6 Month Before: Month	Q.6 Month Before: Year (8 2)
A. Food stamps ($ amount on authorization to purchase)	1	2	22	$ ____ . (34-37)		$ ____ . (14-17)	
B. AFDC	1	2	23	$ ____ . (38-41)		$ ____ . (18-21)	
C. GA	1	2	24	$ ____ . (42-45)		$ ____ . (22-25)	
D. Other cash from welfare	1	2	25	$ ____ . (46-49)		$ ____ . (26-29)	
E. SSI (gold checks)	1	2	26	$ ____ . (50-53)		$ ____ . (30-33)	
[illegible]	1	2	27	$ ____ (54-57)		$ ____ (34-37)	

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CARD 17-20

Module 4 (continued)

6. Is that the same amount you received from this source during each of the five months before that? (IF "YES", DRAW A LINE THROUGH THE SPACES PROVIDED FOR THE OTHER MONTHS LISTED AT THE TOP OF THE GRID. IF "NO", ASK RESPONDENT TO INDICATE MONTHS AND AMOUNT RECEIVED FROM THIS SOURCE. COMPLETE FOR ALL MONTHS LISTED BELOW.)

Q.6			
Month Before: Month / Year (8)	Month Before: Month / Year (8)	Month Before: Month / Year (8)	Month Before: Month / Year (8)
62-65	42-46	22-25	70-73
66-69	46-49	26-29	74-77
70-73	50-53	30-33	CARD 20 8-9/20 10-13
74-77	54-57	34-37	14-17
CARD 18 8-9/18 10-13	58-61	38-41	18-21
14-17	62-65	42-45	22-25
18-21	66-69	46-49	26-29
22-25	70-73	50-53	30-33
26-29	74-77	54-57	34-37
30-33	CARD 19 8-9/19 10-13	58-61	38-41
34-37	14-17	62-65	42-45
38-41	18-21	66-69	46-49

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MODULE 5
MOVING HISTORY

NOTE: ANSWERS TO MOST QUESTIONS IN THIS MODULE SHOULD BE RECORDED IN THE RESPONDENT INFORMATION BOOKLET.

1. Did you move at all since you applied for Food Stamps, 3 months ago? (ON LABEL)

Yes (ASK A) 1 50/

No (SKIP TO Q.3) . . 2

IF "YES", ASK A:

A. How many times have you moved? (COUNT EACH MOVE, EVEN IF BACK AND FORTH. DO NOT COUNT HOSPITAL, PRISON, ETC. AS A MOVE.)

[ ][ ] 51-52/

ASK Q.s 2A AND 2B AS A UNIT FOR PREVIOUS ADDRESS SINCE APPLYING FOR FOOD STAMPS.

2A. What was the address you were living at just before moving here?

2B. How long did you live there?

RECORD ON RESPONDENT INFORMATION BOOKLET.

---

3. Are you planning to move in the next six months or so?

Yes (ASK A) 1 53/

No (SKIP TO Q.4). . . 2

IF "YES", ASK A:

A. Where do you plan on moving to? (PROBE FOR AS MUCH DETAIL AS POSSIBLE.)

RECORD ON RESPONDENT INFORMATION BOOKLET.

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4. Many people move, whether they plan to or not, and we will want to get in touch with you in a few months from now. Will you please give me the names, addresses, and telephone numbers of two close relatives or friends who would be likely to know your new address in the event that you move?

RECORD ON RESPONDENT INFORMATION BOOKLET.

---

5. Now that we have completed this interview, I'd like to make sure that I have your present address recorded correctly. What is your present street address? (DO NOT GET P.O. BOX, ETC.)

RECORD ON RESPONDENT INFORMATION BOOKLET.

---

6. Is that your mailing address?

Yes (SKIP TO Q.7) . . 1

No (ASK A) 2

IF "NO", ASK A:

A. What is your mailing address? (PROBE, IF NECESSARY.) . . .the address people use to reach you by mail.

RECORD ON RESPONDENT INFORMATION BOOKLET.

---

7. What is your home telephone number?

RECORD ON RESPONDENT INFORMATION BOOKLET.

---

8. Is there another telephone number when you can often be reached?

RECORD ON RESPONDENT INFORMATION BOOKLET.

Thank you very much for your help.

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ADDITIONAL INFORMATION ABOUT THE 3-MONTH INTERVIEW

READ ONLY IF THE RESPONDENT REQUESTS ADDITIONAL INFORMATION

PURPOSE:
This research is required by the Food Stamp Act of 1977. Your responses, along with the responses of many others, will be used by the government to help plan programs which will help people who need food stamps.

HOW YOU GOT MY NAME OR WHY WAS I CALLED:
Your name was selected as part of a sample which represents households in this country which have been part of the Food Stamp Program during the past six months.

CONFIDENTIALITY:
Your privacy is guaranteed by the Privacy Act of 1974. Under this law, your answers cannot be released in any manner which would enable someone to identify you. No one in the government will see your name, address, or telephone number. (IF NECESSARY, SHOW THE RESPONDENT YOUR COPY OF THE SIGNED CONFIDENTIALITY AGREEMENT.)

CAN YOU GET ME A JOB OR IS THIS INTERVIEW FOR A JOB:
No, I am only collecting information from people in the Food Stamp Program. You will have to talk to the Food Stamp Office or Employment Office for help in finding work.

WILL MY BENEFITS OR ELIGIBILITY FOR FOOD STAMPS BE AFFECTED (IF I DON'T PARTICIPATE):
No. Your local Food Stamp Office knows about this research in general but does not know we have asked you to do an interview.

WHY SHOULD I TAKE PART:
Your participation is voluntary. Your name was randomly selected to represent other people similar to yourself. Your answers will help the government improve the Food Stamp Program.

I'M TOO BUSY: I DON'T HAVE TIME:
The questions won't take long. You can go ahead with your work and I'll run through the items (BEGIN IMMEDIATELY). Or, What would be a better time for me to come back? I'll note down an appointment that would be more convenient for you.

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Appendix B

Employment, Food Stamp Participation and Food Stamp Benefit Patterns, by Site

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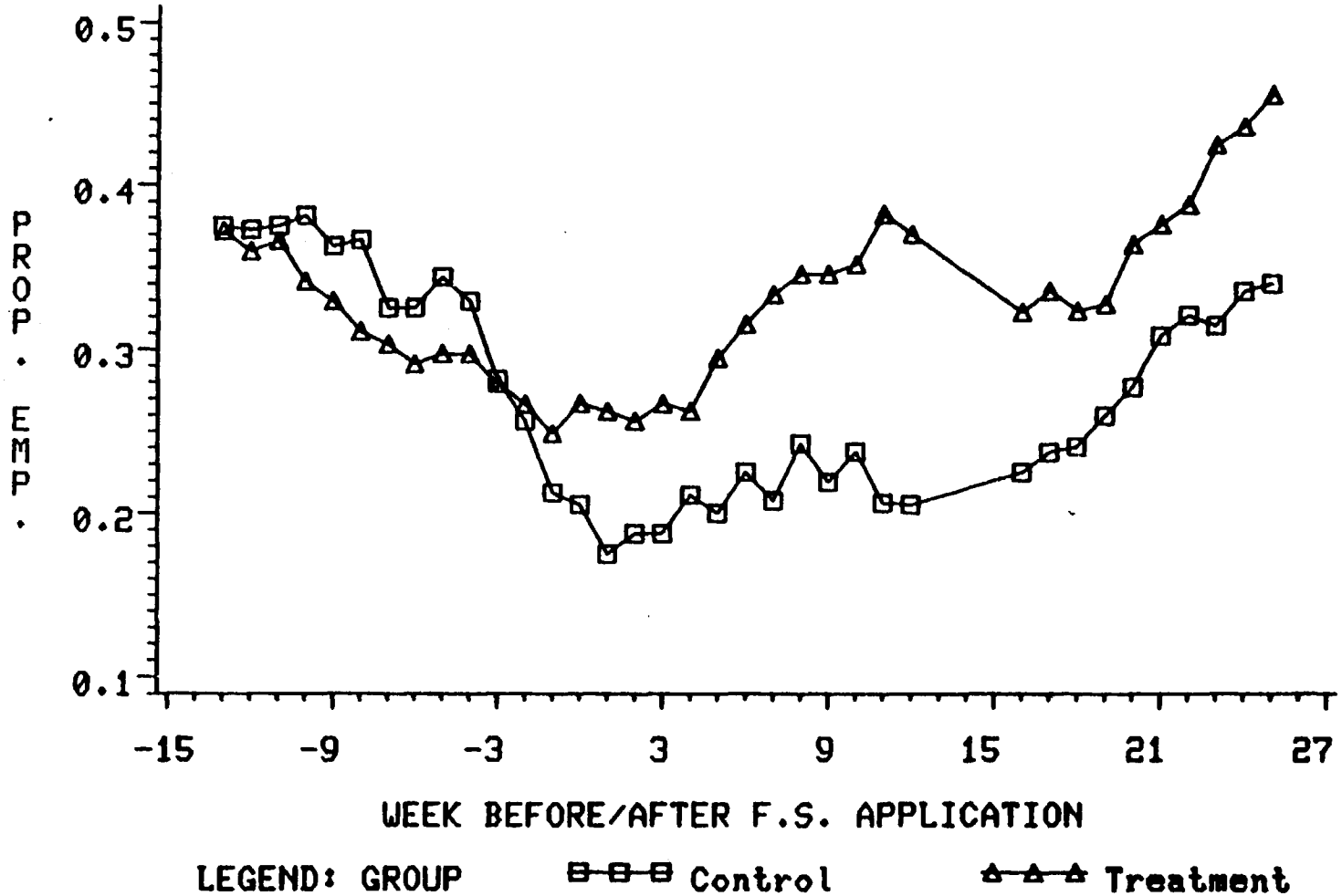
PROPORTION EMPLOYED AS A FUNCTION OF WEEK

SITE=Fresno



WEEK 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION
PROPORTIONS ARE BASED ON ALL RESPONDENTS

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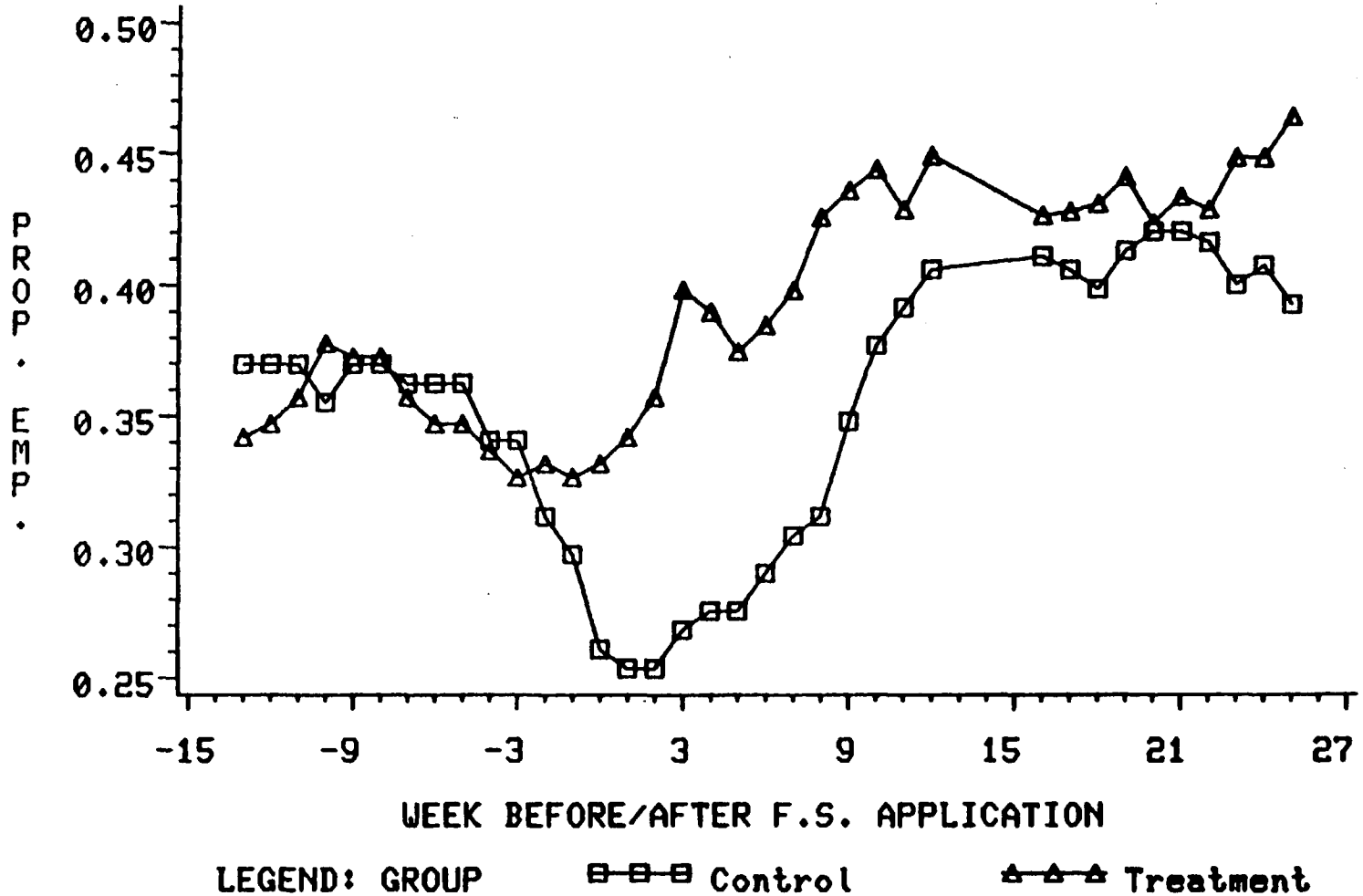
PROPORTION EMPLOYED AS A FUNCTION OF WEEK

SITE=Florida



LEGEND: GROUP Control Treatment

WEEK 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION
PROPORTIONS ARE BASED ON ALL RESPONDENTS

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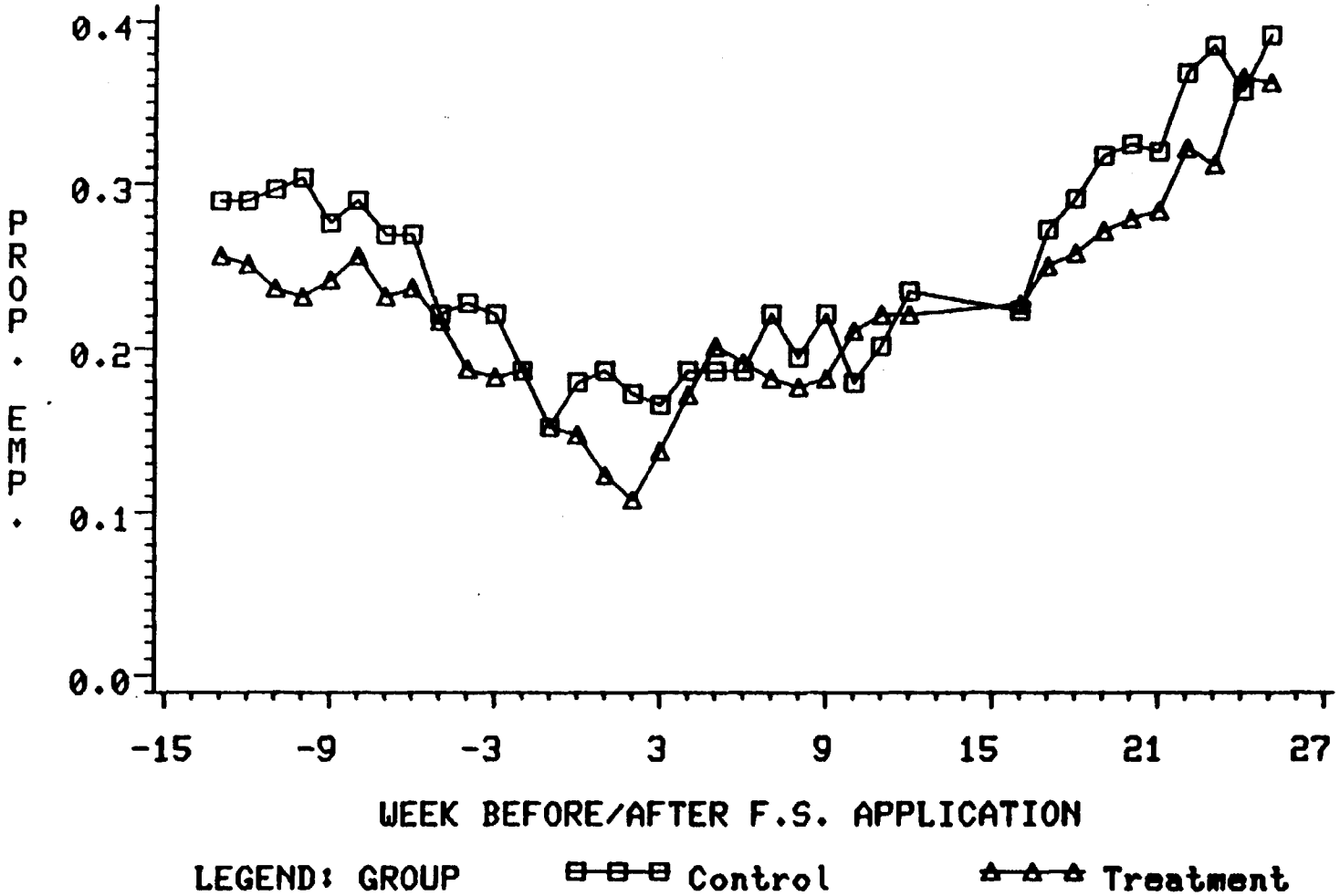
PROPORTION EMPLOYED AS A FUNCTION OF WEEK

SITE=Kentucky



WEEK 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION
PROPORTIONS ARE BASED ON ALL RESPONDENTS

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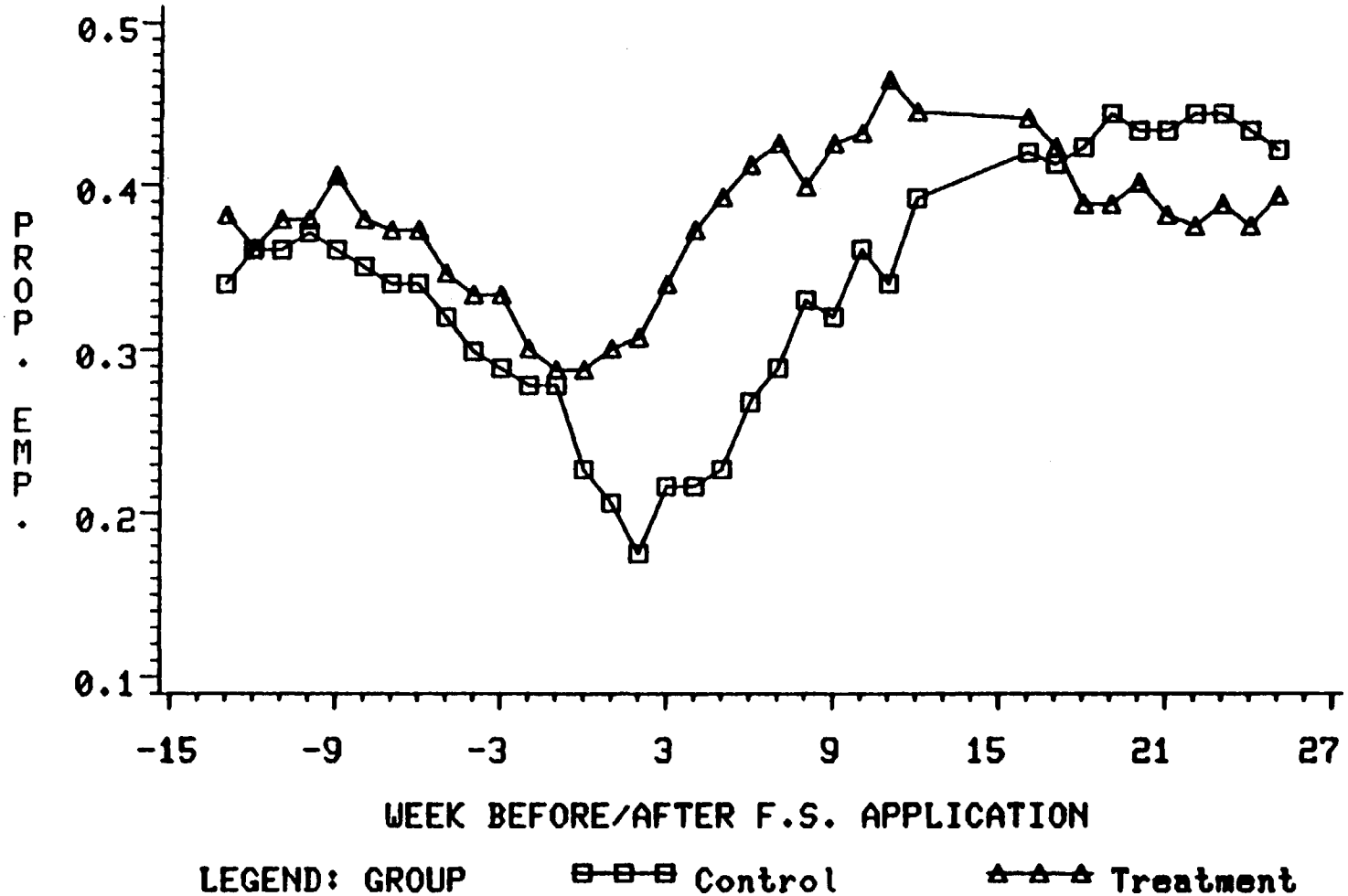
PROPORTION EMPLOYED AS A FUNCTION OF WEEK

SITE=Maine



WEEK 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION
PROPORTIONS ARE BASED ON ALL RESPONDENTS

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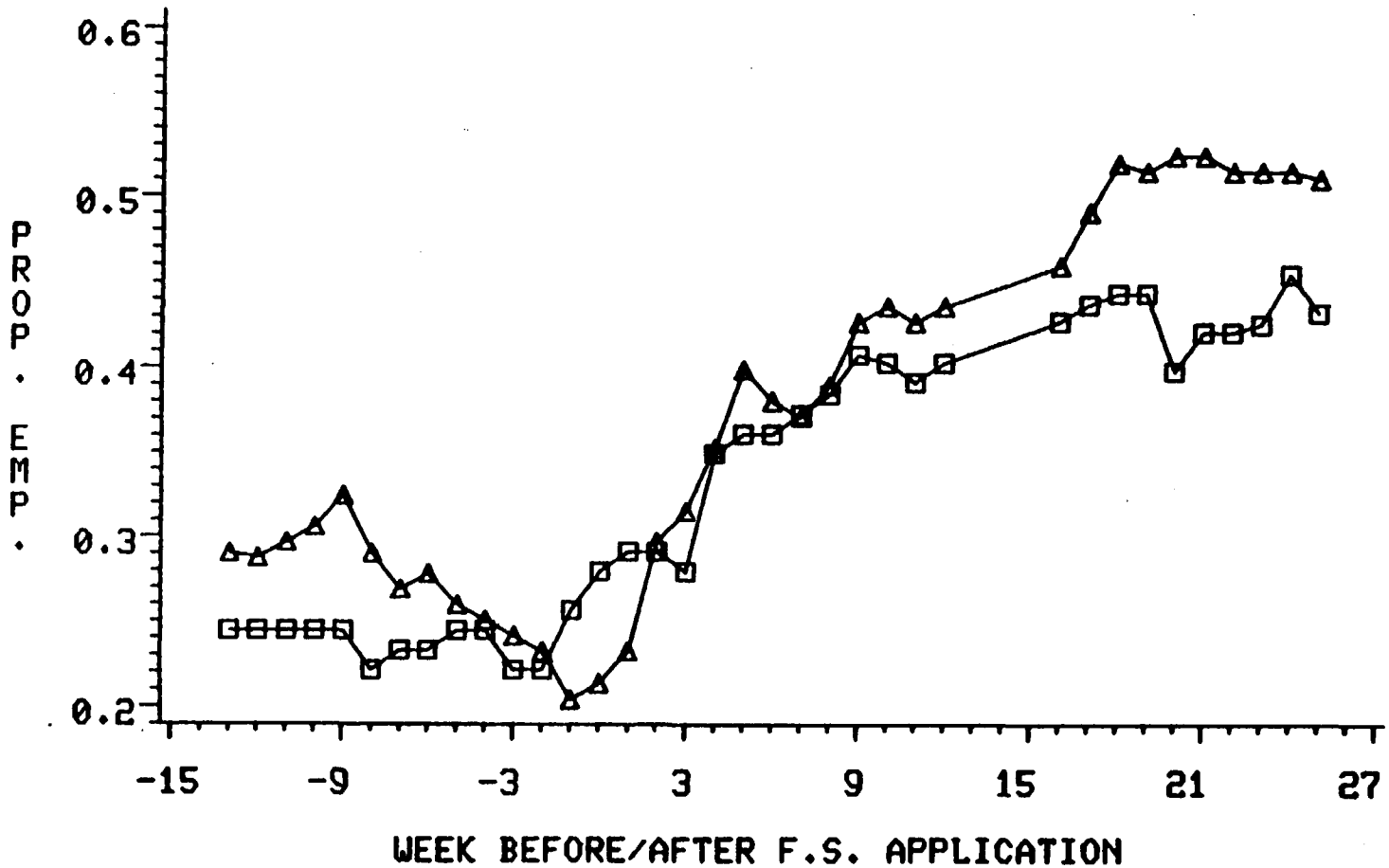
PROPORTION EMPLOYED AS A FUNCTION OF WEEK

SITE=Nassau County



LEGEND: GROUP Control Treatment

WEEK 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION
PROPORTIONS ARE BASED ON ALL RESPONDENTS

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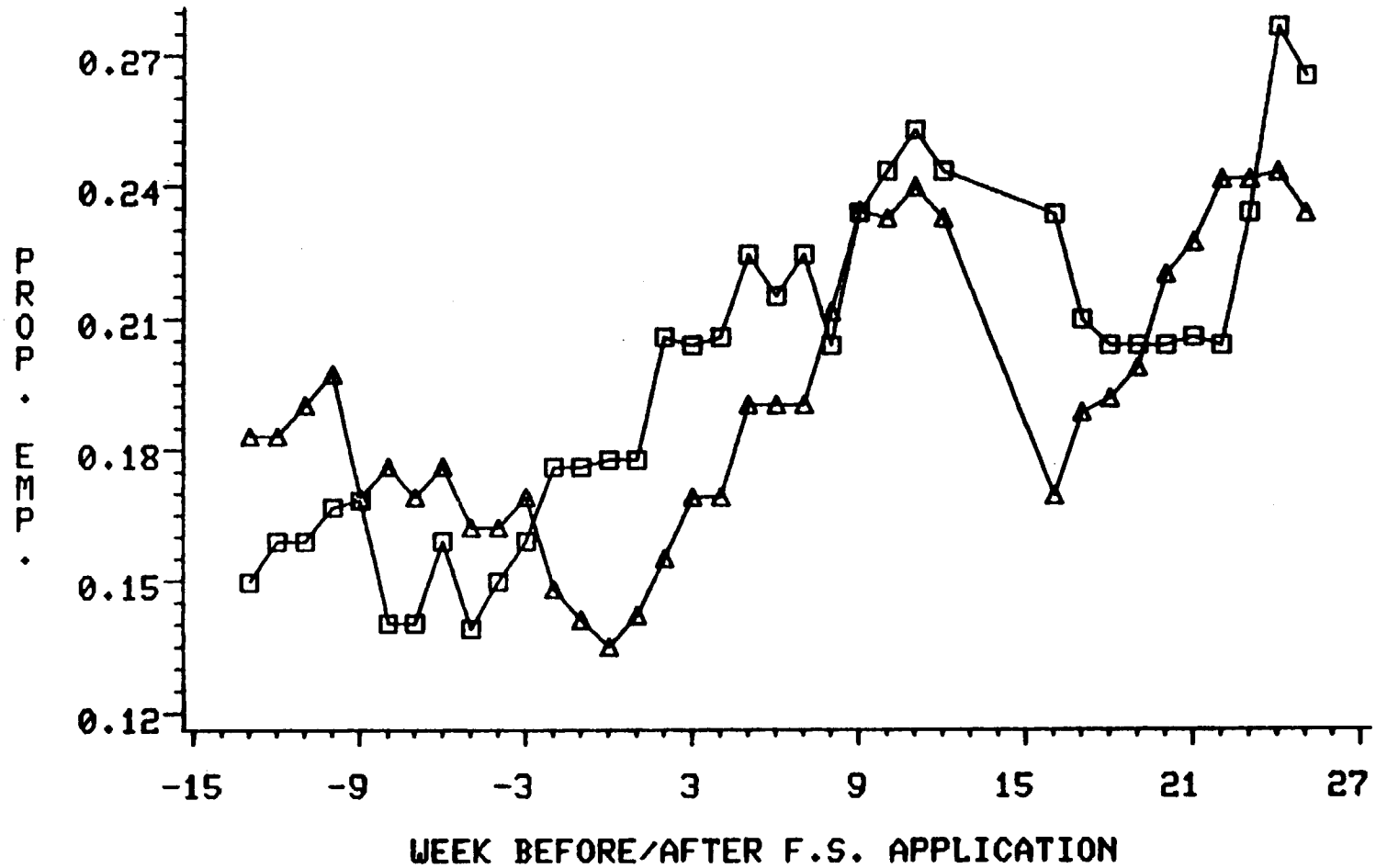
PROPORTION EMPLOYED AS A FUNCTION OF WEEK

SITE=Portsmouth



LEGEND: GROUP Control Treatment

WEEK 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION
PROPORTIONS ARE BASED ON ALL RESPONDENTS

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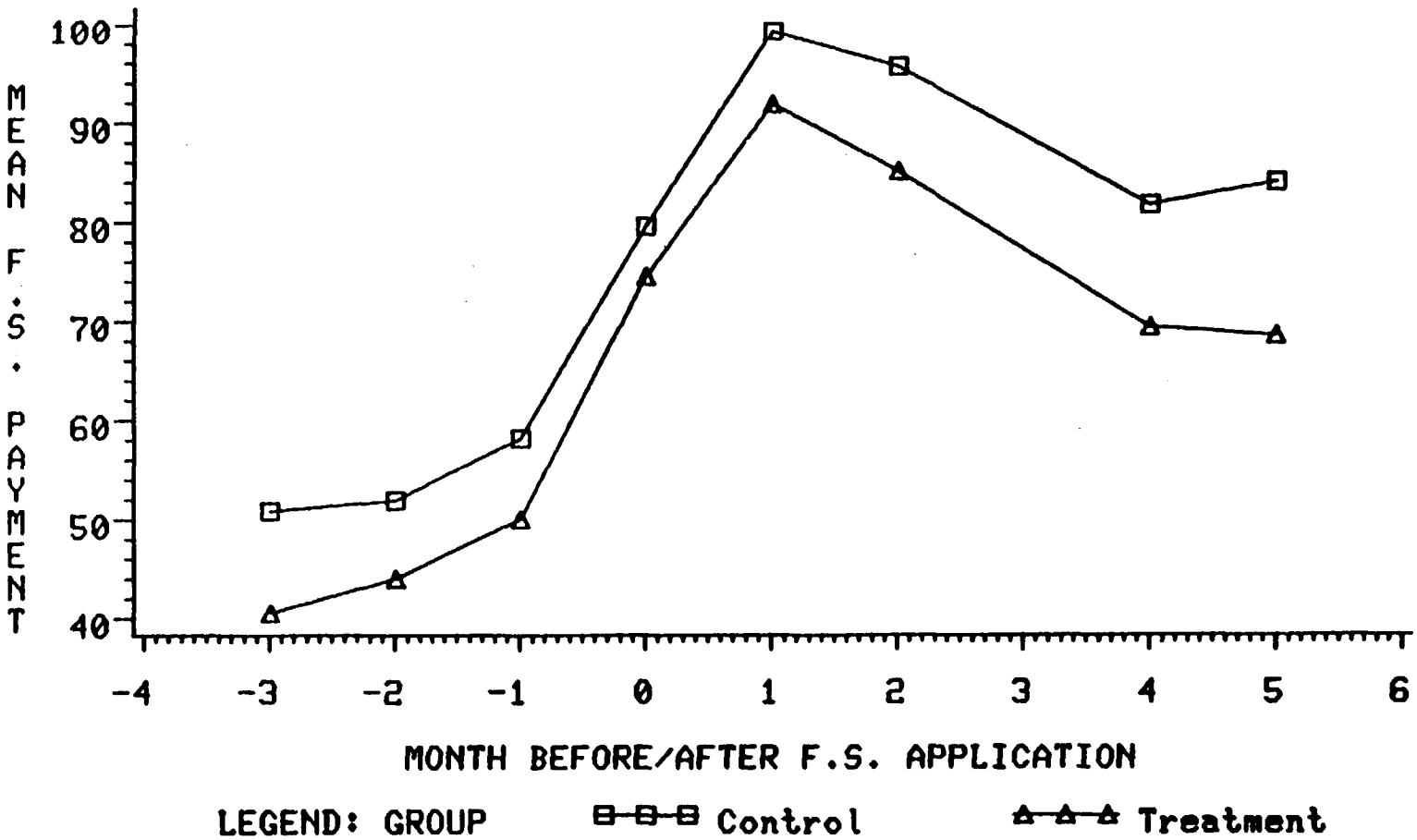
MEAN F.S. PAYMENT AS A FUNCTION OF MONTH

SITE=Fresno



MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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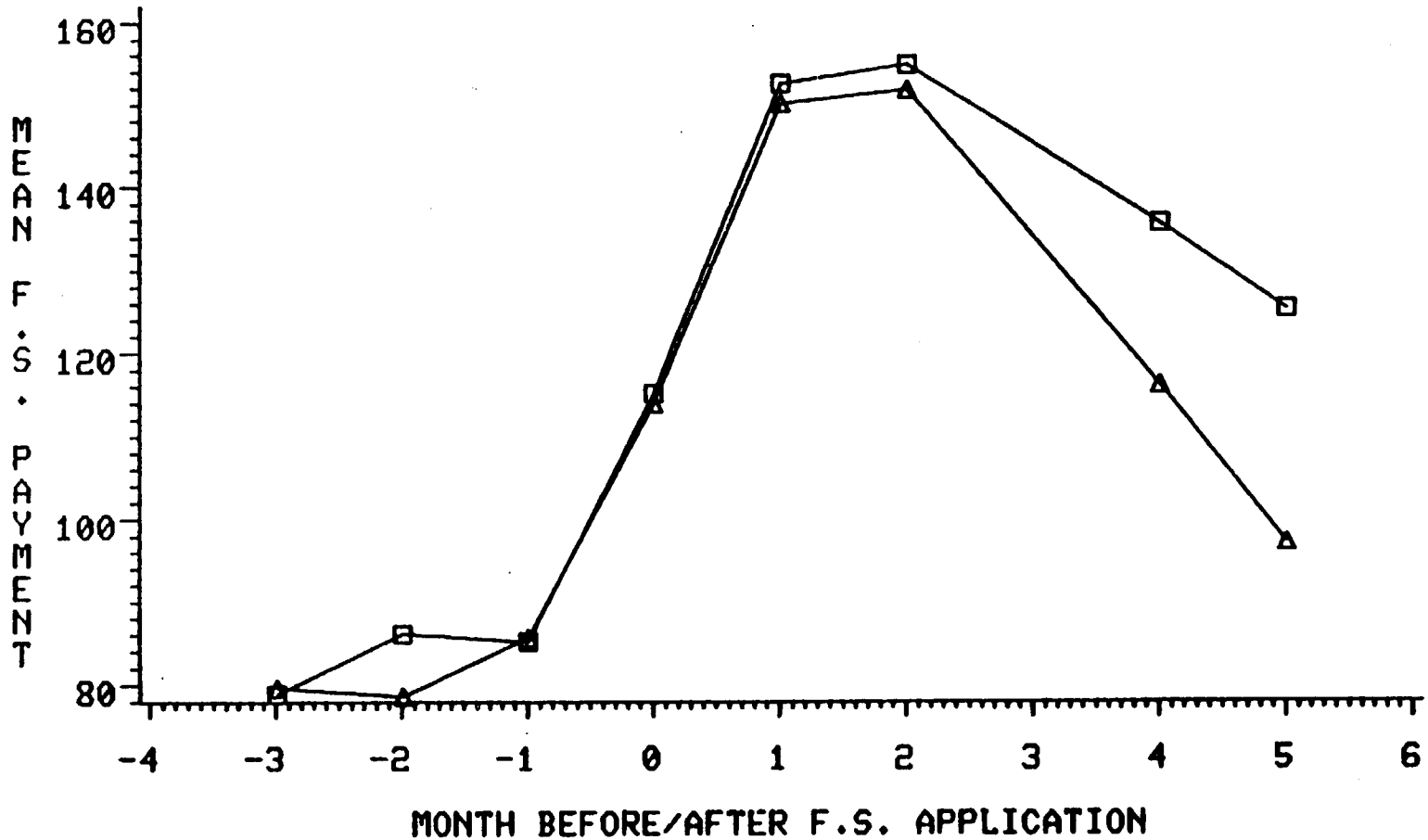
MEAN F.S. PAYMENT AS A FUNCTION OF MONTH

SITE=Kentucky



LEGEND: GROUP ⊟-⊟-⊟ Control △-△-△ Treatment

MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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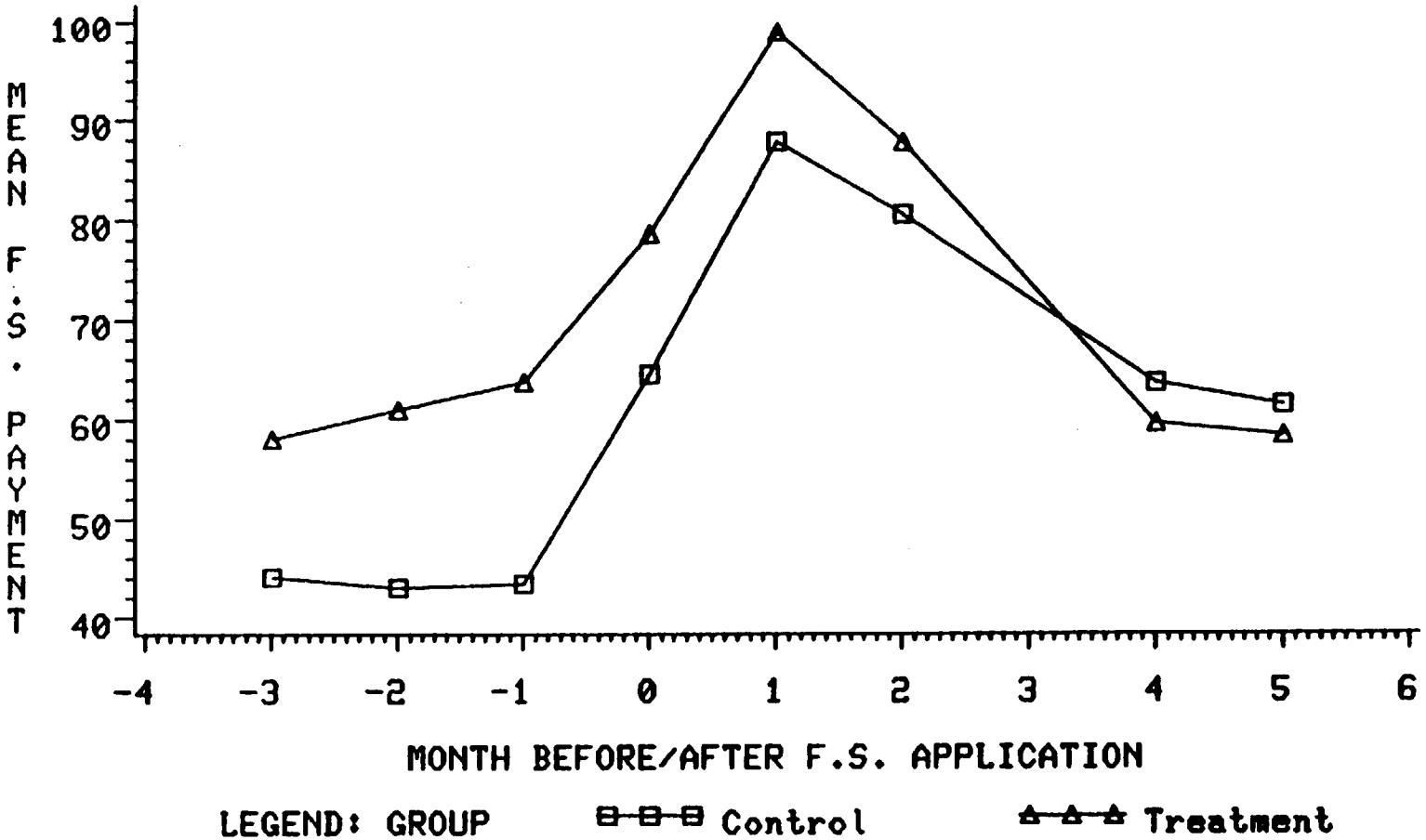
MEAN F.S. PAYMENT AS A FUNCTION OF MONTH

SITE=Maine



MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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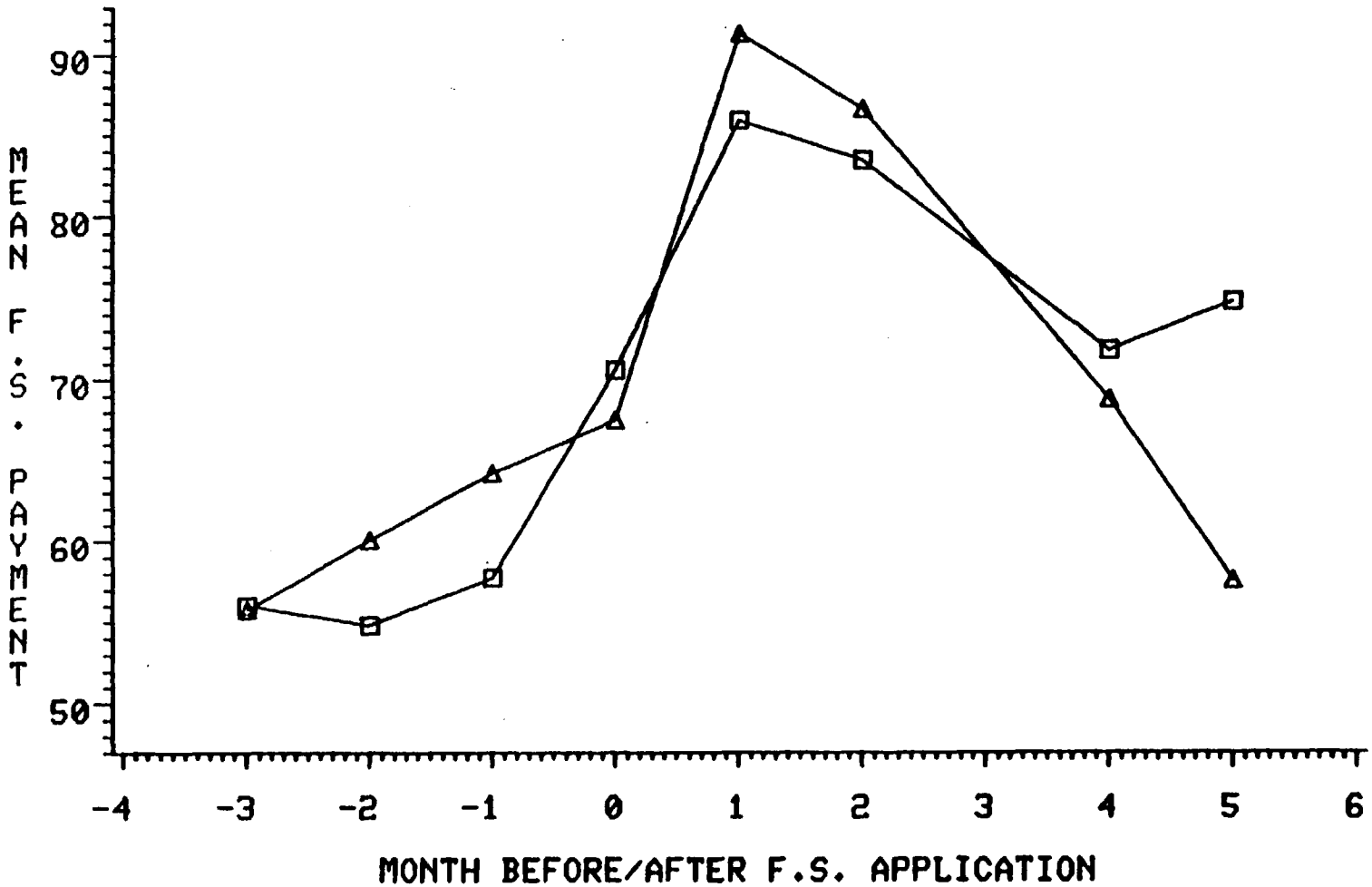
MEAN F.S. PAYMENT AS A FUNCTION OF MONTH

SITE=Nassau County



LEGEND: GROUP ⊟⊟⊟ Control △△△ Treatment

MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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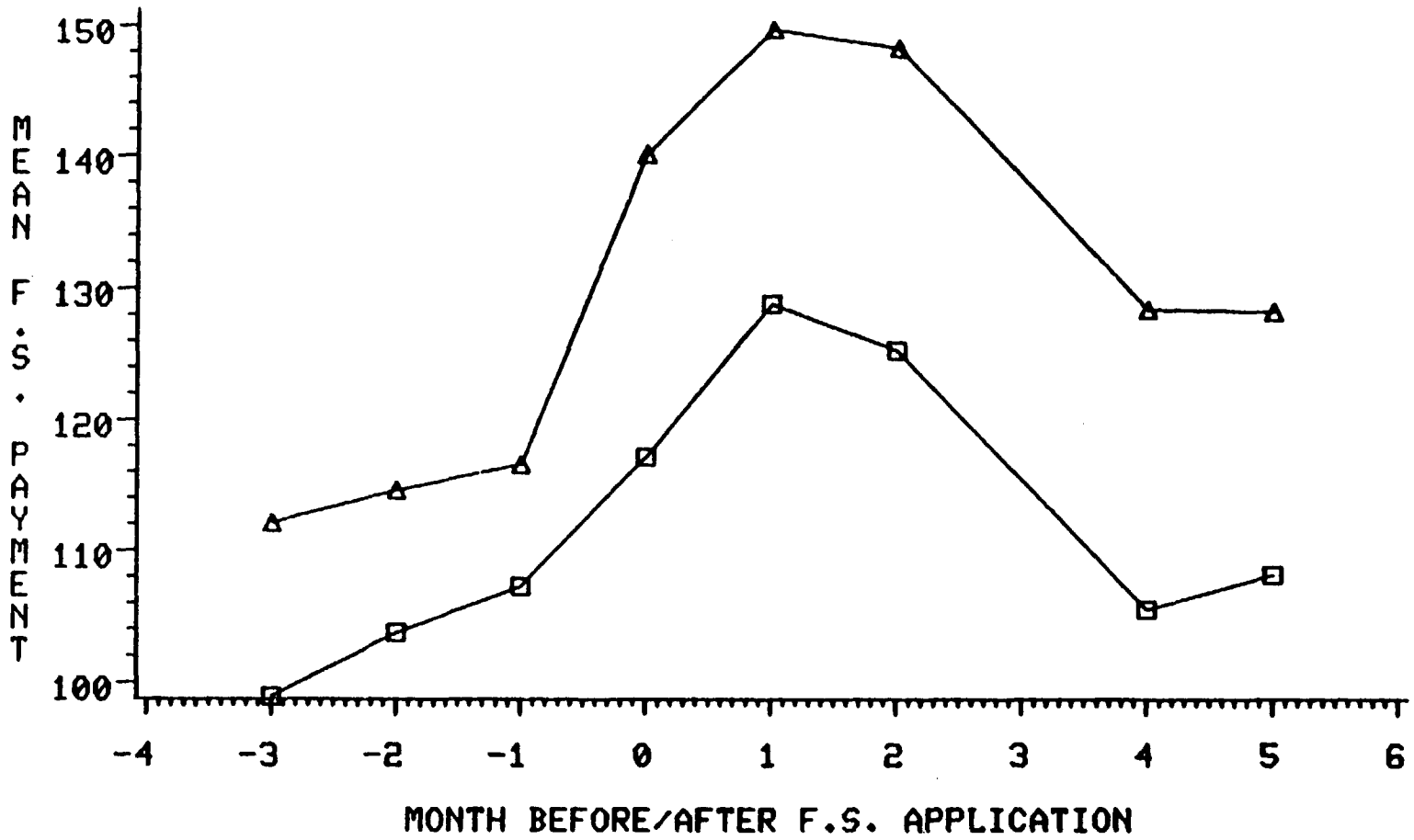
MEAN F.S. PAYMENT AS A FUNCTION OF MONTH

SITE=Portsmouth



LEGEND: GROUP ⊟—⊟—⊟ Control △—△—△ Treatment

MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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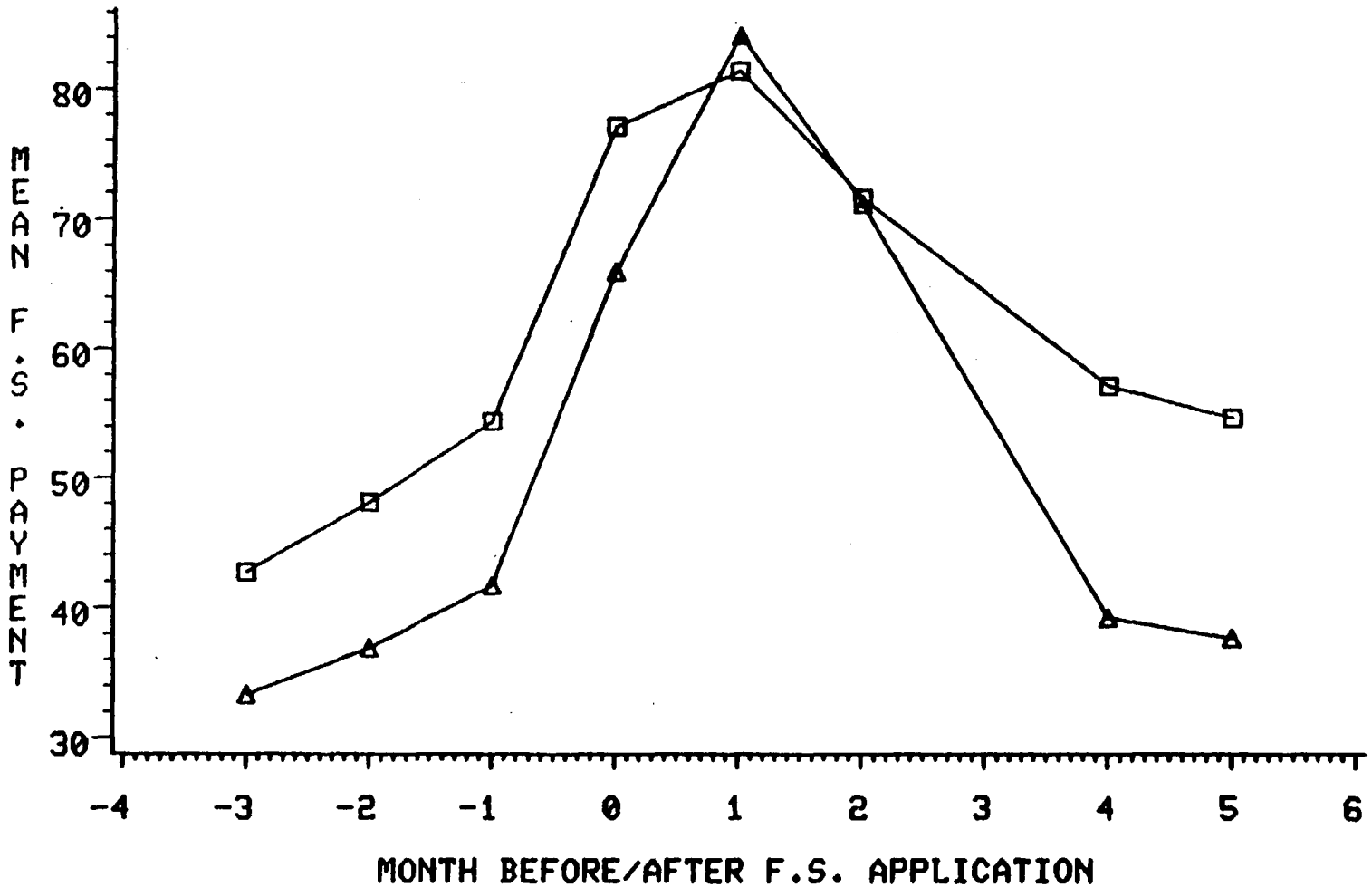
MEAN F.S. PAYMENT AS A FUNCTION OF MONTH

SITE=San Diego



LEGEND: GROUP Control Treatment

MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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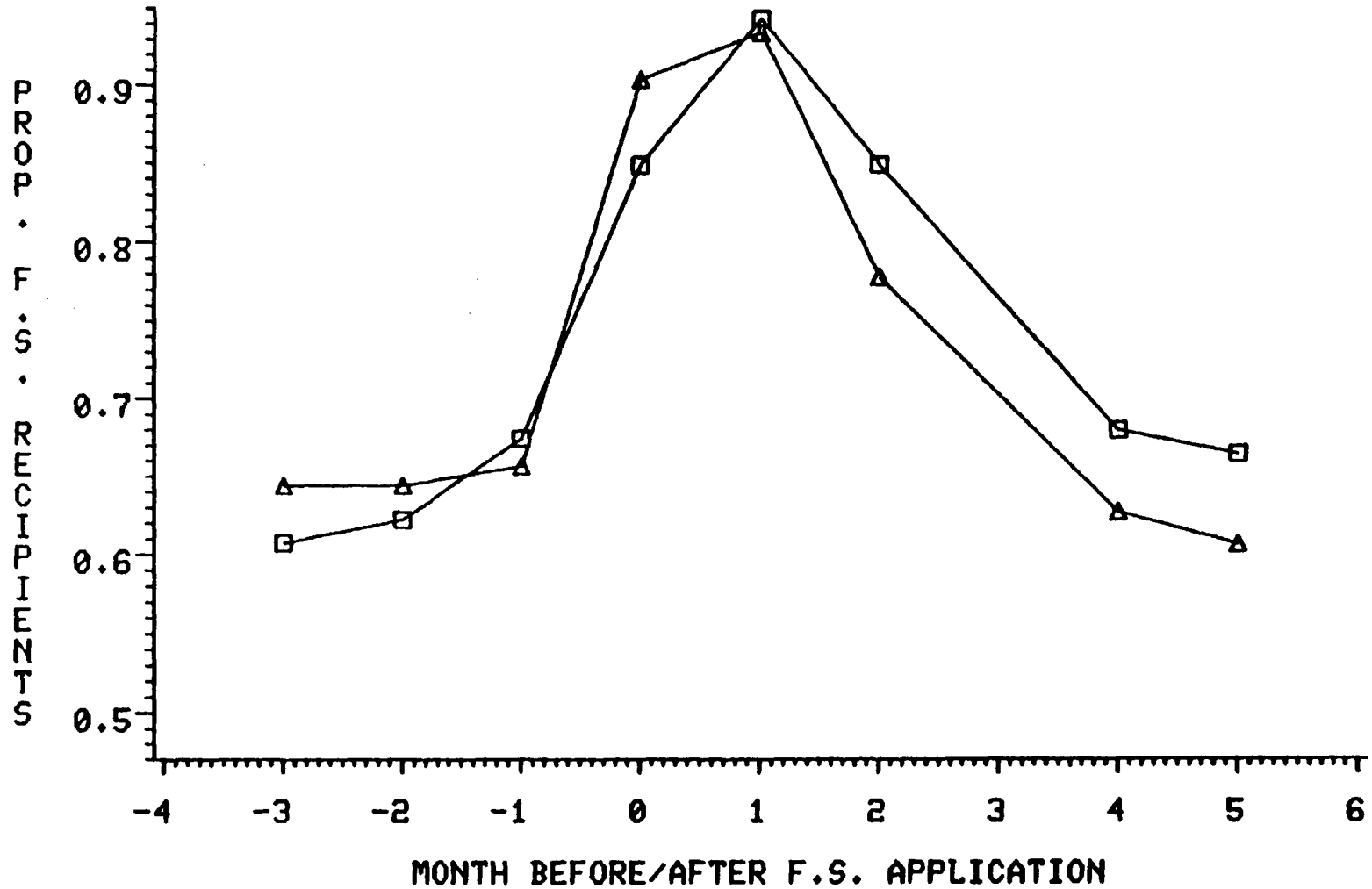
PROP. F.S. RECIPIENTS AS A FUNCTION OF MONTH

SITE=Florida



LEGEND: GROUP Control Treatment

MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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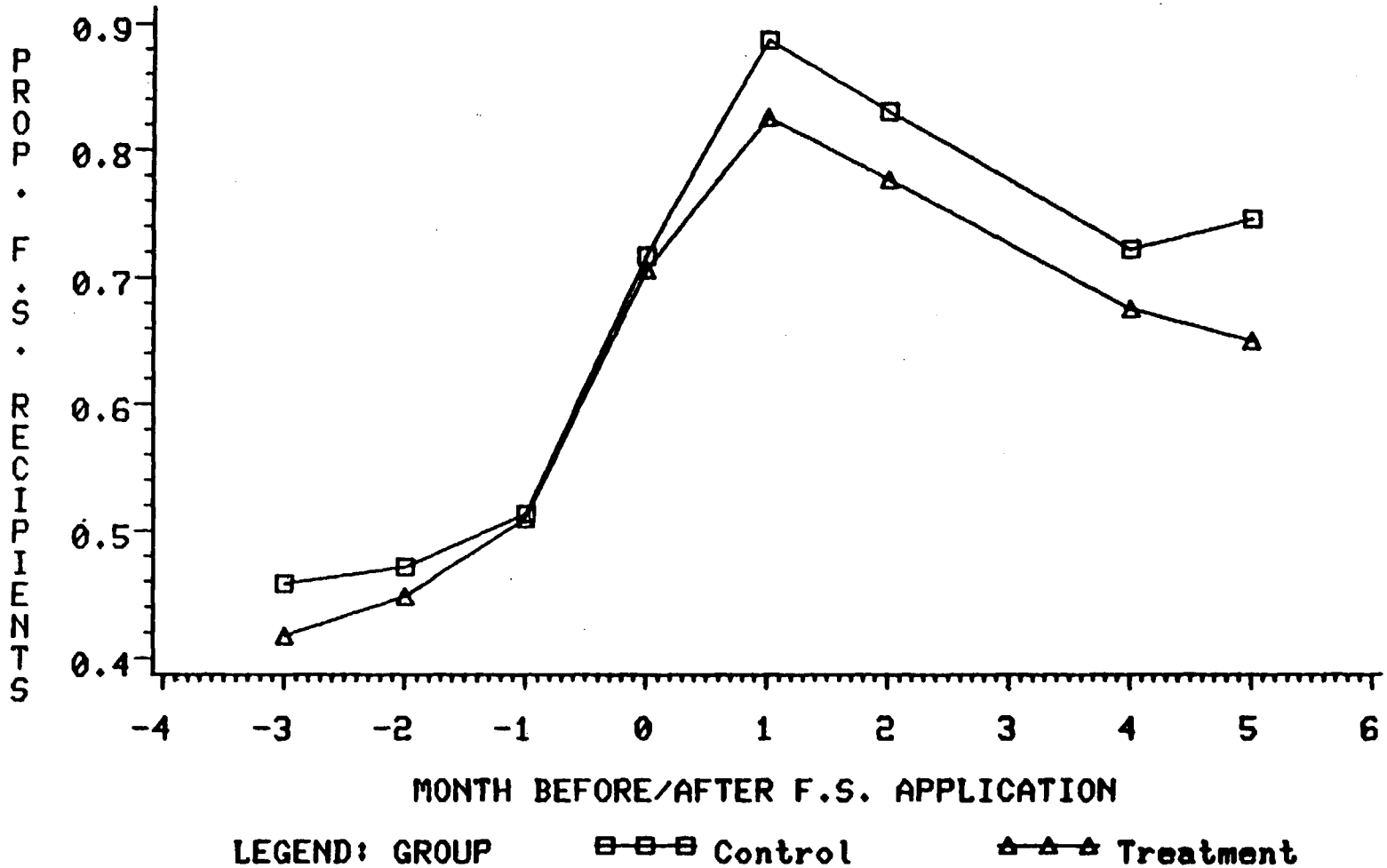
PROP. F.S. RECIPIENTS AS A FUNCTION OF MONTH

SITE=Fresno



MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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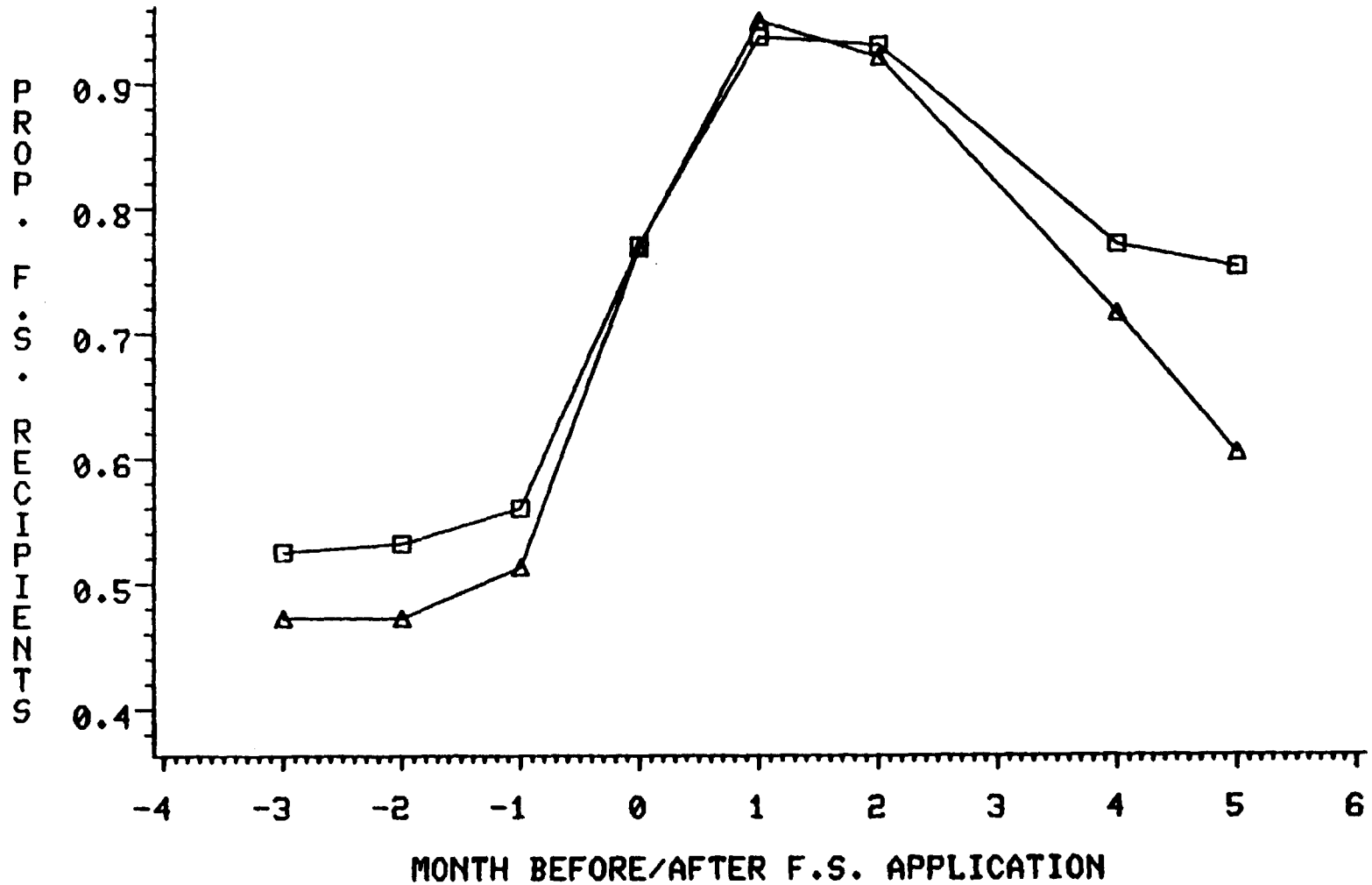
PROP. F.S. RECIPIENTS AS A FUNCTION OF MONTH

SITE=Kentucky



LEGEND: GROUP ⊟-⊟-⊟ Control △-△-△ Treatment

MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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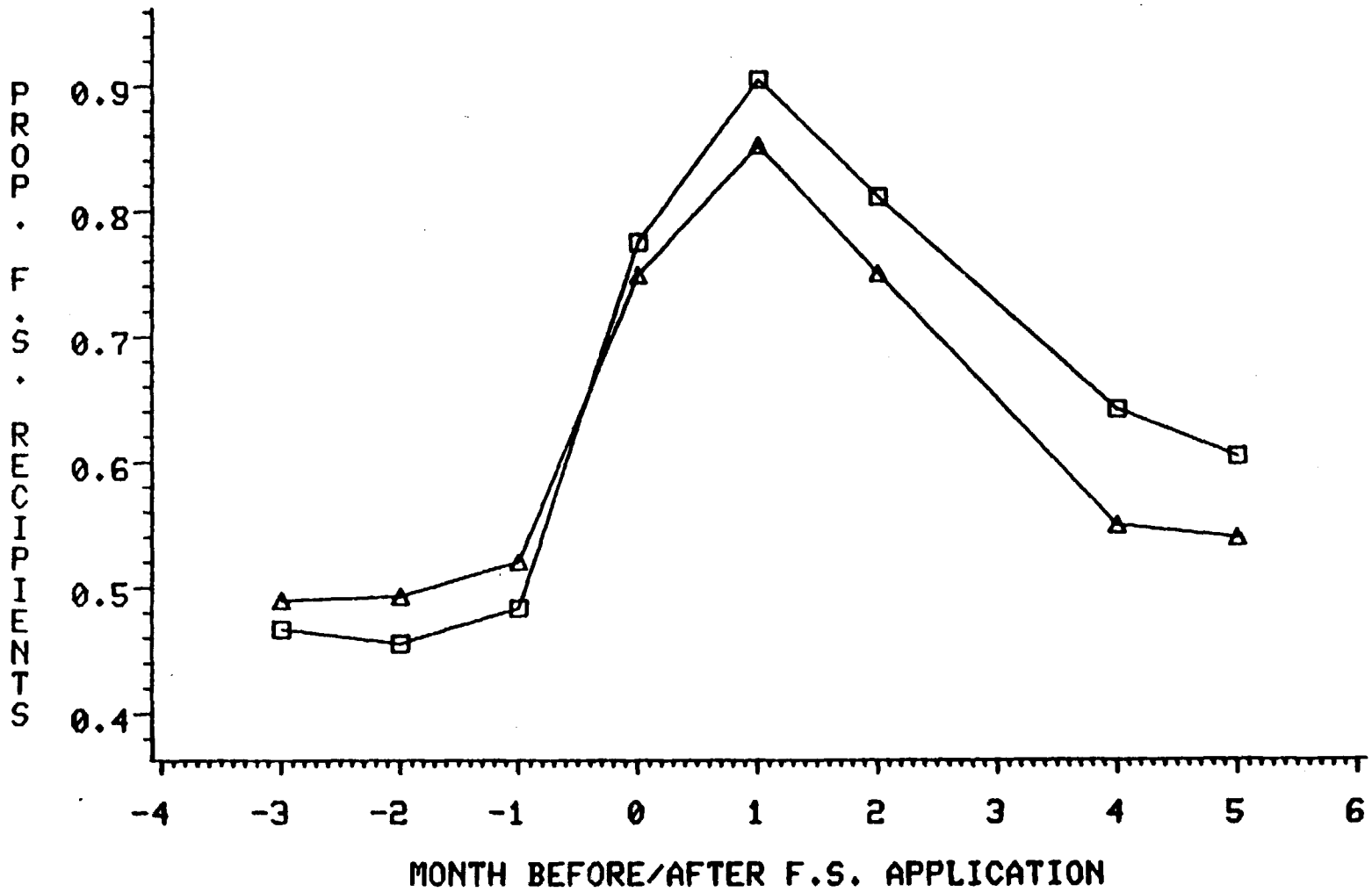
PROP. F.S. RECIPIENTS AS A FUNCTION OF MONTH

SITE=Maine



LEGEND: GROUP Control Treatment

MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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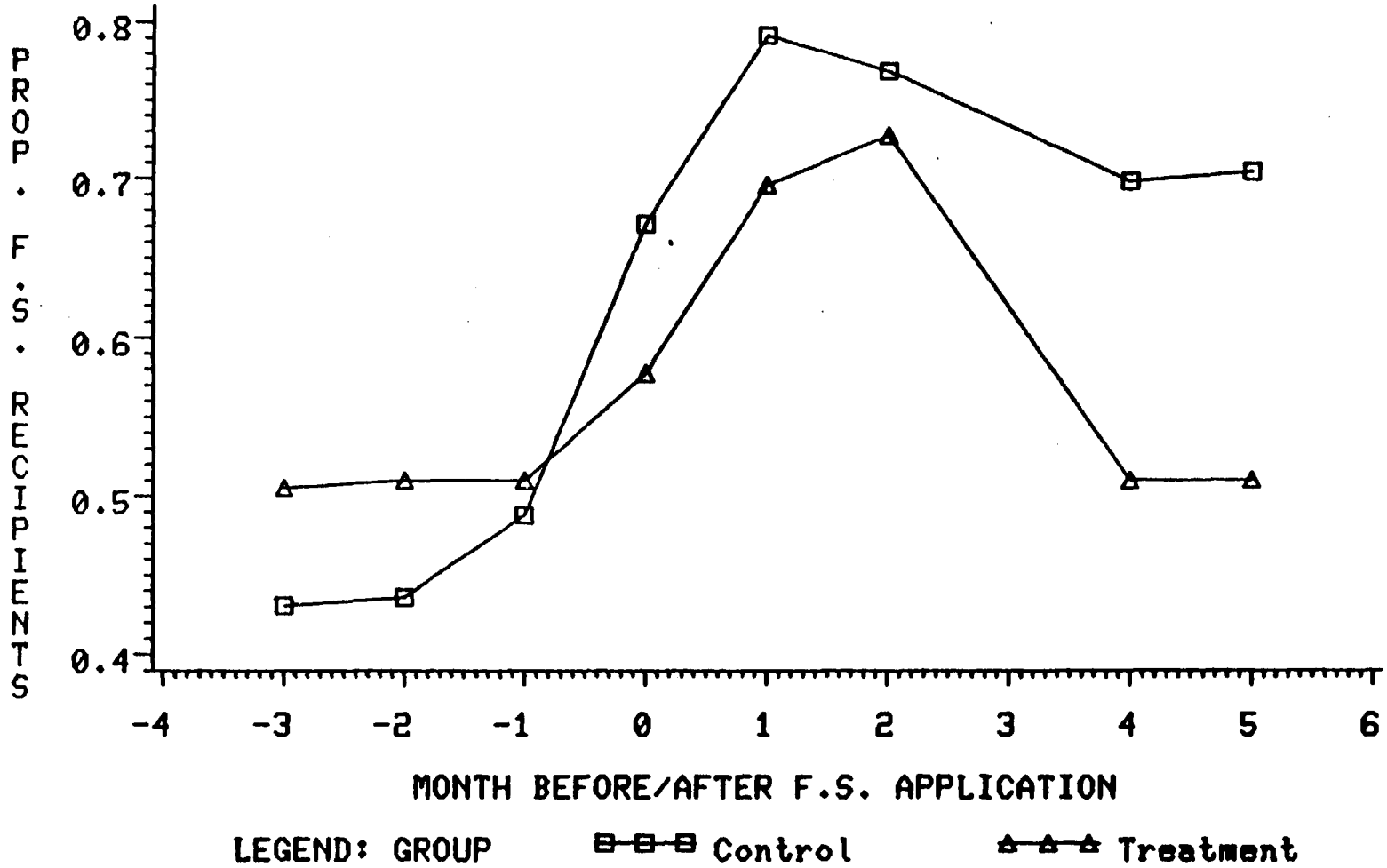
PROP. F.S. RECIPIENTS AS A FUNCTION OF MONTH

SITE=Nassau County



MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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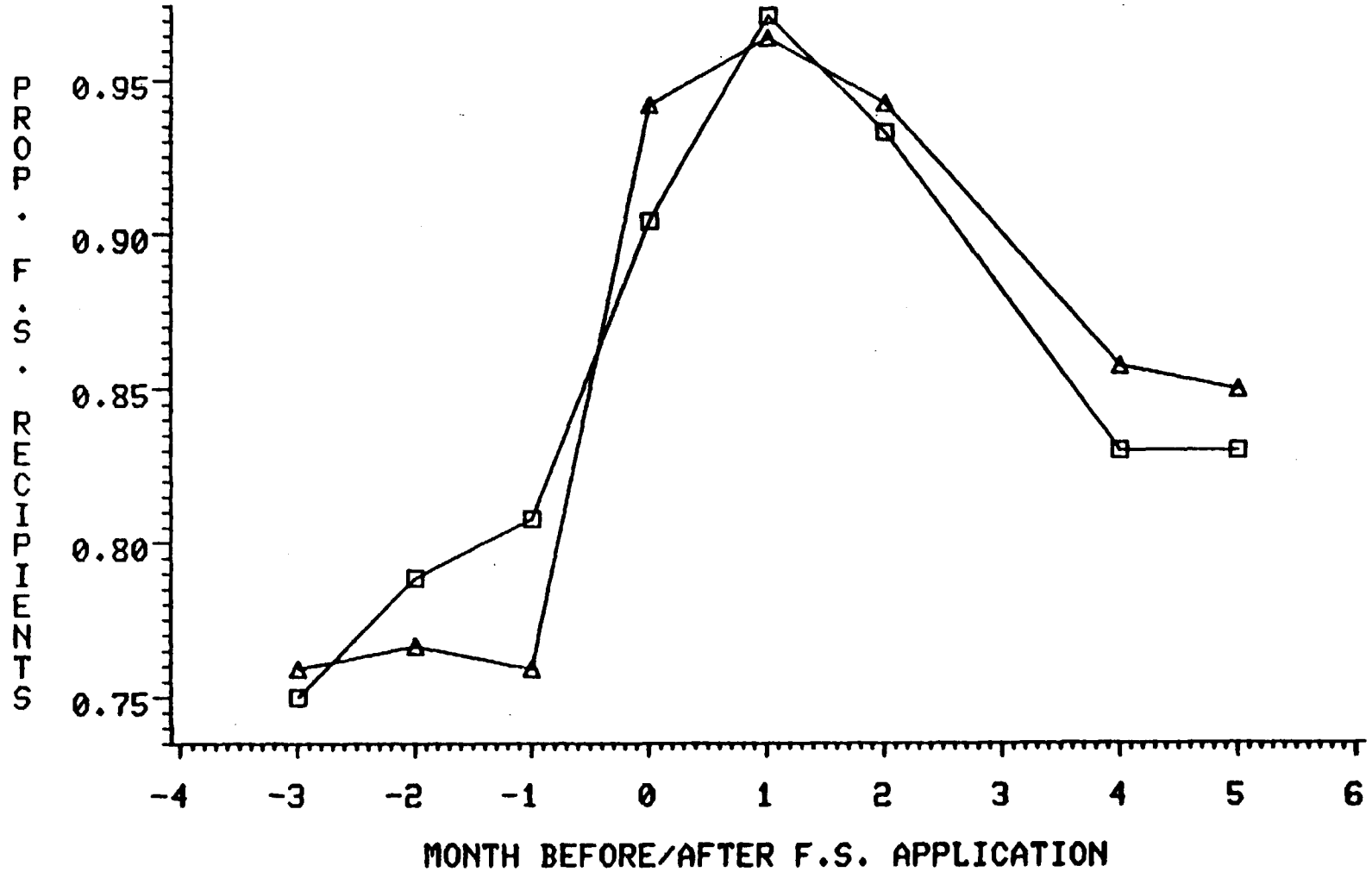
PROP. F.S. RECIPIENTS AS A FUNCTION OF MONTH

SITE=Portsmouth



LEGEND: GROUP ⊟⊟⊟ Control △△△ Treatment

MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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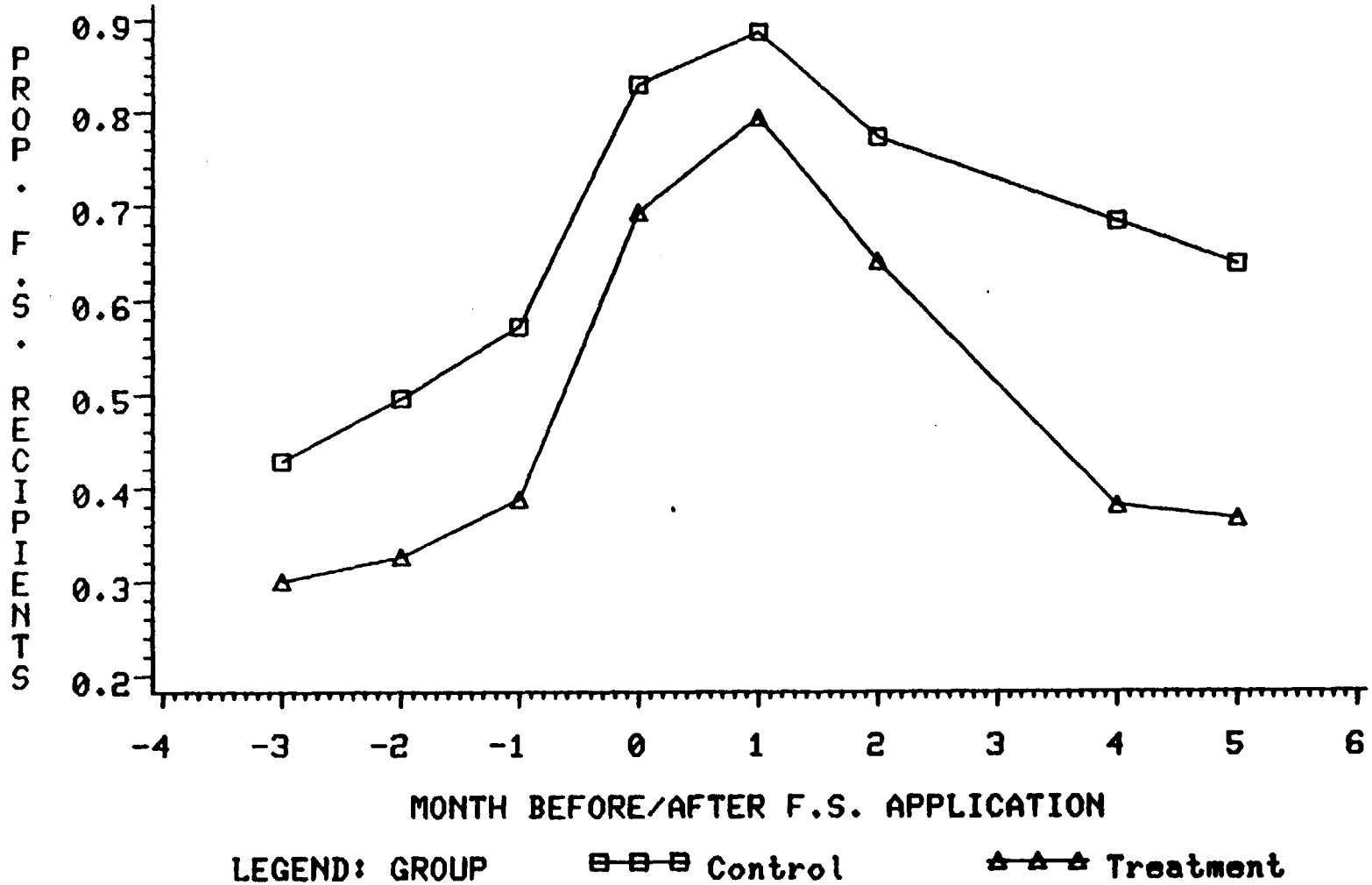
PROP. F.S. RECIPIENTS AS A FUNCTION OF MONTH

SITE=San Diego



LEGEND: GROUP ⊟⊟⊟ Control △△△ Treatment

MONTH 0 IS APPROXIMATE TIME OF FOOD STAMP APPLICATION

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Exhibit 5.7

Percent[1] Employed in All Sites From Thirteen Weeks Before Through Twenty Five Weeks After Week of Food Stamp Application[2]

Weeks Before and After Application	Treatment		Control		Difference Between Percentages
	N	%	N	%	
-13	347	30.1	260	31.1	-0.9
-12	345	29.9	262	31.3	-1.4
-11	349	30.2	263	31.4	-1.2
-10	349	30.2	264	31.5	-1.3
-9	350	30.3	256	30.6	-0.3
-8	341	29.5	252	30.1	-0.5
-7	324	28.1	238	28.4	-0.4
-6	323	28.0	238	28.4	-0.5
-5	312	27.0	229	27.3	-0.3
-4	302	26.1	223	26.6	-0.4
-3	288	24.9	211	25.2	-0.3
-2	279	24.1	197	23.5	0.7
-1	255	22.1	184	21.9	0.1
0	259	22.4	177	21.1	1.3
1	264	22.9	172	20.5	2.3
2	273	23.6	177	21.1	2.5
3	300	26.0	183	21.8	4.1
4	319	27.6	200	23.8	3.8
5	343	29.7	198	23.6	6.1
6	356	30.8	211	25.2	5.6
7	362	31.3	220	26.3	5.0
8	376	32.6	227	27.1	5.5
9	393	34.1	235	28.0	6.0
10	408	35.3	240	28.6	6.7
11	424	36.6	238	28.4	8.2
12	425	36.7	248	29.5	7.2
16	366	35.3	238	31.3	4.0
17	399	35.9	261	31.8	4.1
18	412	36.0	270	32.5	3.6
19	420	36.6	281	33.7	3.0
20	434	37.7	284	33.9	3.8
21	433	37.7	290	34.6	3.0
22	440	38.3	303	36.2	2.2
23	451	39.3	305	36.6	2.7
24	462	40.4	310	37.3	3.1
25	458	40.9	300	37.6	3.2

[1]Percentages are based on all respondents
[2]Week 0 is approximate time of food stamp application.

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Exhibit 5.12

Mean Food Stamp Income and Percentage of Respondents Receiving Any Food Stamp Income in All Sites From Three Months Before Through Six Months After Month of Food Stamp Application[1]

Months Before and After Application	Treatment				Control				Difference	
	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	% With Any Income
-3	70.12	565	50.63	1116	66.40	426	52.66	809	3.72	-2.03
-2	71.91	578	51.65	1119	69.53	442	54.57	810	2.39	-2.91
-1	75.73	616	54.71	1126	72.79	478	58.72	814	2.94	-4.02
0	98.41	870	77.06	1129	95.13	644	78.82	817	3.29	-1.77
1	118.62	987	86.81	1137	113.85	750	90.69	827	4.76	-3.88
2	109.66	901	79.10	1139	107.76	702	84.68	829	1.89	-5.58
4	82.69	688	61.37	1121	89.80	585	71.96	813	-7.11	-10.58
5	77.26	651	58.28	1117	88.91	569	70.95	802	-11.64	-12.67

[1]Month 0 is approximate time of food stamp application.

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Exhibit B.1

Percent[1] Employed in Florida From Thirteen Weeks Before Through Twenty Five Weeks After Week of Food Stamp Application[2]

Weeks Before and After Application	Treatment		Control		Difference Between Percentages
	N	%	N	%	
-13	67	34.2	51	37.0	-2.8
-12	68	34.7	51	37.0	-2.3
-11	70	35.7	51	37.0	-1.2
-10	74	37.8	49	35.5	2.2
-9	73	37.2	51	37.0	0.3
-8	73	37.2	51	37.0	0.3
-7	70	35.7	50	36.2	-0.5
-6	68	34.7	50	36.2	-1.5
-5	68	34.7	50	36.2	-1.5
-4	66	33.7	47	34.1	-0.4
-3	64	32.7	47	34.1	-1.4
-2	65	33.2	43	31.2	2.0
-1	64	32.7	41	29.7	2.9
0	65	33.2	36	26.1	7.1
1	67	34.2	35	25.4	8.8
2	70	35.7	35	25.4	10.4
3	78	39.8	37	26.8	13.0
4	76	39.0	38	27.5	11.4
5	73	37.4	38	27.5	9.9
6	75	38.5	40	29.0	9.5
7	78	39.8	42	30.4	9.4
8	83	42.6	43	31.2	11.4
9	85	43.6	48	34.8	8.8
10	87	44.4	52	37.7	6.7
11	84	42.9	54	39.1	3.7
12	88	44.9	56	40.6	4.3
16	81	42.6	53	41.1	1.5
17	83	42.8	56	40.6	2.2
18	84	43.1	55	39.9	3.2
19	86	44.1	57	41.3	2.8
20	83	42.3	58	42.0	0.3
21	85	43.4	58	42.0	1.3
22	84	42.9	57	41.6	1.3
23	87	44.8	54	40.0	4.8
24	87	44.8	55	40.7	4.1
25	90	46.4	53	39.3	7.1

[1]Percentages are based on all respondents
[2]Week 0 is approximate time of food stamp application.

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Exhibit B.2

Percent[1] Employed in Fresno From Thirteen Weeks Before Through Twenty Five Weeks After Week of Food Stamp Application[2]

Weeks Before and After Application	Treatment		Control		Difference Between Percentages
	N	%	N	%	
-13	61	37.2	60	37.5	-0.3
-12	59	36.0	60	37.3	-1.3
-11	60	36.6	60	37.5	-0.9
-10	56	34.1	61	38.1	-4.0
-9	54	32.9	58	36.2	-3.3
-8	51	31.1	59	36.6	-5.5
-7	50	30.3	52	32.5	-2.2
-6	48	29.1	52	32.5	-3.4
-5	49	29.7	55	34.4	-4.7
-4	49	29.7	53	32.9	-3.2
-3	46	27.9	45	28.1	-0.2
-2	44	26.7	41	25.6	1.0
-1	41	24.8	34	21.2	3.6
0	44	26.7	33	20.5	6.2
1	43	26.2	28	17.5	8.7
2	42	25.6	30	18.8	6.9
3	44	26.7	30	18.8	7.9
4	43	26.2	34	21.1	5.1
5	48	29.4	32	20.0	9.4
6	52	31.5	36	22.5	9.0
7	55	33.3	33	20.8	12.6
8	57	34.5	39	24.2	10.3
9	57	34.5	35	21.9	12.7
10	58	35.2	38	23.7	11.4
11	63	38.2	33	20.6	17.6
12	61	37.0	33	20.5	16.5
16	50	32.3	34	22.5	9.7
17	54	33.5	37	23.7	9.8
18	53	32.3	38	24.1	8.3
19	54	32.7	41	25.9	6.8
20	60	36.4	44	27.7	8.7
21	62	37.6	49	30.8	6.8
22	64	38.8	51	32.1	6.7
23	70	42.4	50	31.4	11.0
24	71	43.6	53	33.5	10.0
25	71	45.5	50	34.0	11.5

[1]Percentages are based on all respondents
[2]Week 0 is approximate time of food stamp application.

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Exhibit B.3

Percent[1] Employed in Kentucky From Thirteen Weeks Before Through Twenty Five Weeks After Week of Food Stamp Application[2]

Weeks Before and After Application	Treatment		Control		Difference Between Percentages
	N	%	N	%	
-13	52	25.6	42	29.0	-3.3
-12	51	25.1	42	29.0	-3.8
-11	48	23.6	43	29.7	-6.0
-10	47	23.2	44	30.3	-7.2
-9	49	24.1	40	27.6	-3.4
-8	52	25.6	42	29.0	-3.3
-7	47	23.2	39	26.9	-3.7
-6	48	23.6	39	26.9	-3.3
-5	44	21.7	32	22.1	-0.4
-4	38	18.7	33	22.8	-4.0
-3	37	18.2	32	22.1	-3.8
-2	38	18.6	27	18.6	0.0
-1	31	15.2	22	15.2	0.0
0	30	14.7	26	17.9	-3.2
1	25	12.3	27	18.6	-6.4
2	22	10.8	25	17.2	-6.5
3	28	13.7	24	16.6	-2.8
4	35	17.2	27	18.6	-1.5
5	41	20.1	27	18.6	1.5
6	39	19.1	27	18.6	0.5
7	37	18.1	32	22.1	-3.9
8	36	17.6	28	19.4	-1.8
9	37	18.1	32	22.1	-3.9
10	43	21.1	26	17.9	3.1
11	45	22.1	29	20.1	1.9
12	45	22.1	34	23.4	-1.4
16	39	22.7	27	22.3	0.4
17	47	25.0	37	27.2	-2.2
18	51	25.8	41	29.1	-3.3
19	54	27.1	45	31.7	-4.6
20	56	27.9	46	32.4	-4.5
21	57	28.4	46	31.9	-3.6
22	64	32.2	53	36.8	-4.6
23	62	31.2	55	38.5	-7.3
24	73	36.5	51	35.7	0.8
25	72	36.2	54	39.1	-2.9

[1]Percentages are based on all respondents.

[2]Week 0 is approximate time of food stamp application.

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Exhibit B.4

Percent[1] Employed in Maine From Thirteen Weeks Before Through Twenty Five Weeks After Week of Food Stamp Application[2]

Weeks Before and After Application	Treatment		Control		Difference Between Percentages
	N	%	N	%	
-13	58	38.2	33	34.0	4.1
-12	55	36.2	35	36.1	0.1
-11	58	37.9	35	36.1	1.8
-10	58	37.9	36	37.1	0.8
-9	62	40.5	35	36.1	4.4
-8	58	37.9	34	35.1	2.9
-7	57	37.3	33	34.0	3.2
-6	57	37.3	33	34.0	3.2
-5	53	34.6	31	32.0	2.7
-4	51	33.3	29	29.9	3.4
-3	51	33.3	28	28.9	4.5
-2	46	30.1	27	27.8	2.2
-1	44	28.8	27	27.8	0.9
0	44	28.8	22	22.7	6.1
1	46	30.1	20	20.6	9.4
2	47	30.7	17	17.5	13.2
3	52	34.0	21	21.6	12.3
4	57	37.3	21	21.6	15.6
5	60	39.2	22	22.7	16.5
6	63	41.2	26	26.8	14.4
7	65	42.5	28	28.9	13.6
8	61	39.9	32	33.0	6.9
9	65	42.5	31	32.0	10.5
10	66	43.1	35	36.1	7.1
11	71	46.4	33	34.0	12.4
12	68	44.4	38	39.2	5.3
16	63	44.1	39	41.9	2.1
17	63	42.3	40	41.2	1.0
18	59	38.8	41	42.3	-3.5
19	59	38.8	43	44.3	-5.5
20	61	40.1	42	43.3	-3.2
21	58	38.2	42	43.3	-5.1
22	57	37.5	43	44.3	-6.8
23	59	38.8	43	44.3	-5.5
24	57	37.5	42	43.3	-5.8
25	59	39.3	40	42.1	-2.8

[1]Percentages are based on all respondents
[2]Week 0 is approximate time of food stamp application.

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Exhibit B.5

Percent[1] Employed in Nassau County From Thirteen Weeks Before Through Twenty Five Weeks After Week of Food Stamp Application[2]

Weeks Before and After Application	Treatment		Control		Difference Between Percentages
	N	%	N	%	
-13	31	29.0	21	24.4	4.6
-12	31	28.7	21	24.4	4.3
-11	32	29.6	21	24.4	5.2
-10	33	30.6	21	24.4	6.1
-9	35	32.4	21	24.4	8.0
-8	31	29.0	19	22.1	6.9
-7	29	26.9	20	23.3	3.6
-6	30	27.8	20	23.3	4.5
-5	28	25.9	21	24.4	1.5
-4	27	25.0	21	24.4	0.6
-3	26	24.1	19	22.1	2.0
-2	25	23.1	19	22.1	1.1
-1	22	20.4	22	25.6	-5.2
0	23	21.3	24	27.9	-6.6
1	25	23.1	25	29.1	-5.9
2	32	29.6	25	29.1	0.6
3	34	31.5	24	27.9	3.6
4	38	35.2	30	34.9	0.3
5	43	39.8	31	36.0	3.8
6	41	38.0	31	36.0	1.9
7	40	37.0	32	37.2	-0.2
8	42	38.9	33	38.4	0.5
9	46	42.6	35	40.7	1.9
10	47	43.5	35	40.2	3.3
11	46	42.6	34	39.1	3.5
12	47	43.5	35	40.2	3.3
16	45	45.9	35	42.7	3.2
17	50	49.0	38	43.7	5.3
18	55	51.9	39	44.3	7.6
19	55	51.4	39	44.3	7.1
20	56	52.3	35	39.8	12.6
21	56	52.3	37	42.0	10.3
22	55	51.4	37	42.0	9.4
23	55	51.4	37	42.5	8.9
24	55	51.4	40	45.5	5.9
25	52	51.0	35	43.2	7.8

[1]Percentages are based on all respondents
[2]Week 0 is approximate time of food stamp application.

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Exhibit B.6

Percent[1] Employed in Portsmouth From Thirteen Weeks Before Through Twenty Five Weeks After Week of Food Stamp Application[2]

Weeks Before and After Application	Treatment		Control		Difference Between Percentages
	N	%	N	%	
-13	26	18.3	16	15.0	3.4
-12	26	18.3	17	15.9	2.4
-11	27	19.0	17	15.9	3.1
-10	28	19.7	18	16.7	3.1
-9	24	16.9	18	16.8	0.1
-8	25	17.6	15	14.0	3.6
-7	24	16.9	15	14.0	2.9
-6	25	17.6	17	15.9	1.7
-5	23	16.2	15	13.9	2.3
-4	23	16.2	16	15.0	1.2
-3	24	16.9	17	15.9	1.0
-2	21	14.8	19	17.6	-2.8
-1	20	14.1	19	17.6	-3.5
0	19	13.5	19	17.8	-4.3
1	20	14.2	19	17.8	-3.6
2	22	15.5	22	20.6	-5.1
3	24	16.9	22	20.4	-3.5
4	24	16.9	22	20.6	-3.7
5	27	19.0	24	22.4	-3.4
6	27	19.0	23	21.5	-2.5
7	27	19.0	24	22.4	-3.4
8	30	21.1	22	20.4	0.8
9	33	23.4	25	23.4	0.0
10	33	23.2	26	24.3	-1.1
11	34	23.9	27	25.2	-1.3
12	33	23.2	26	24.3	-1.1
16	21	16.9	21	23.3	-6.4
17	26	18.8	22	21.0	-2.1
18	27	19.1	22	20.4	-1.2
19	28	19.9	22	20.4	-0.5
20	31	22.0	22	20.4	1.6
21	32	22.7	22	20.6	2.1
22	34	24.1	22	20.4	3.7
23	34	24.1	25	23.4	0.7
24	34	24.3	29	27.6	-3.3
25	32	23.4	27	26.5	-3.1

[1]Percentages are based on all respondents
[2]Week 0 is approximate time of food stamp application.

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Exhibit B.7

Percent[1] Employed in San Diego From Thirteen Weeks Before Through Twenty Five Weeks After Week of Food Stamp Application[2]

Weeks Before and After Application	Treatment		Control		Difference Between Percentages
	N	%	N	%	
-13	52	27.7	37	35.6	-7.9
-12	55	29.1	36	34.6	-5.5
-11	54	28.6	36	34.6	-6.0
-10	53	28.2	35	33.7	-5.5
-9	53	28.2	33	31.7	-3.5
-8	51	27.0	32	30.8	-3.8
-7	47	25.0	29	27.9	-2.9
-6	47	25.0	27	26.0	-1.0
-5	47	25.0	25	23.8	1.2
-4	48	25.5	24	22.9	2.7
-3	40	21.2	23	21.9	-0.7
-2	40	21.3	21	20.0	1.3
-1	33	17.6	19	18.1	-0.4
0	34	18.0	17	16.2	1.8
1	38	20.1	18	17.1	3.0
2	38	20.2	23	21.9	-1.7
3	40	21.3	25	23.8	-2.5
4	46	24.3	28	26.7	-2.3
5	51	27.0	24	22.9	4.1
6	59	31.2	28	26.7	4.6
7	60	31.9	29	27.6	4.3
8	67	35.6	30	28.6	7.1
9	70	37.2	29	27.6	9.6
10	74	39.2	28	26.7	12.5
11	81	42.9	28	26.7	16.2
12	83	43.9	26	24.8	19.2
16	67	42.9	29	30.5	12.4
17	76	42.2	31	30.7	11.5
18	83	44.4	34	33.3	11.1
19	84	44.7	34	32.7	12.0
20	87	46.3	37	35.2	11.0
21	83	44.1	36	34.3	9.9
22	82	43.6	40	38.1	5.5
23	84	44.4	41	39.0	5.4
24	85	45.2	40	38.1	7.1
25	82	44.8	41	41.4	3.4

[1]Percentages are based on all respondents
[2]Week 0 is approximate time of food stamp application.

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Exhibit B.8

Mean Food Stamp Income and Percentage of Respondents Receiving Any Food Stamp Income in Florida From Three Months Before Through Six Months After Month of Food Stamp Application[1]

Months Before and After Application	Treatment				Control				Difference	
	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	% With Any Income
-3	107.08	123	64.40	191	85.59	82	60.74	135	21.49	3.66
-2	106.30	123	64.40	191	88.80	84	62.22	135	17.50	2.18
-1	106.25	126	65.63	192	93.23	91	67.41	135	13.02	-1.78
0	135.93	176	90.26	195	124.00	117	84.78	138	11.93	5.47
1	150.57	181	93.30	194	139.79	130	94.20	138	10.78	-0.90
2	127.03	150	77.72	193	121.50	117	84.78	138	5.53	-7.06
4	96.96	121	62.69	193	95.07	91	67.91	134	1.89	-5.22
5	93.13	117	60.62	193	95.31	89	66.42	134	-2.18	-5.80

[1]Month 0 is approximate time of food stamp application.

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Exhibit B.9

Mean Food Stamp Income and Percentage of Respondents Receiving Any Food Stamp Income in Fresno From Three Months Before Through Six Months After Month of Food Stamp Application[1]

Months Before and After Application	Treatment				Control				Difference	
	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	% With Any Income
-3	40.53	68	41.72	163	50.85	71	45.81	155	-10.32	-4.09
-2	43.99	73	44.79	163	51.88	73	47.10	155	-7.90	-2.31
-1	49.99	83	50.92	163	58.11	80	51.28	156	-8.12	-0.36
0	74.45	115	70.55	163	79.49	111	71.61	155	-5.04	-1.06
1	91.79	136	82.42	165	99.18	140	88.61	158	-7.39	-6.18
2	85.01	128	77.58	165	95.56	131	82.91	158	-10.56	-5.34
4	69.31	108	67.50	160	81.68	114	72.15	158	-12.37	-4.65
5	68.44	102	64.97	157	83.96	114	74.51	153	-15.52	-9.54

[1]Month 0 is approximate time of food stamp application.

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Exhibit B.10

Mean Food Stamp Income and Percentage of Respondents Receiving Any Food Stamp Income in Kentucky From Three Months Before Through Six Months After Month of Food Stamp Application[1]

Months Before and After Application	Treatment				Control				Difference	
	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	% With Any Income
-3	79.62	93	47.21	197	78.88	74	52.48	141	0.74	-5.27
-2	78.64	93	47.21	197	86.10	76	53.15	143	-7.46	-5.94
-1	85.58	102	51.26	199	85.14	80	55.94	143	0.44	-4.69
0	113.82	152	76.77	198	115.06	110	76.92	143	-1.24	-0.16
1	149.94	189	94.97	199	152.37	133	93.66	142	-2.43	1.31
2	151.61	184	92.00	200	154.69	133	93.01	143	-3.07	-1.01
4	116.11	138	71.50	193	135.57	107	76.98	139	-19.46	-5.48
5	97.08	117	60.31	194	125.22	106	75.18	141	-28.14	-14.87

[1]Month 0 is approximate time of food stamp application.

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Exhibit B.11

Mean Food Stamp Income and Percentage of Respondents Receiving Any Food Stamp Income in Maine From Three Months Before Through Six Months After Month of Food Stamp Application[1]

Months Before and After Application	Treatment				Control				Difference	
	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	% With Any Income
-3	57.98	71	48.97	145	44.02	42	46.67	90	13.96	2.30
-2	60.89	72	49.32	146	42.96	41	45.56	90	17.93	3.76
-1	63.67	77	52.03	148	43.31	44	48.35	91	20.36	3.68
0	78.44	110	74.83	147	64.41	72	77.42	93	14.03	-2.59
1	98.74	126	85.14	148	87.62	85	90.43	94	11.13	-5.29
2	87.60	111	75.00	148	80.36	77	81.05	95	7.24	-6.05
4	59.48	83	54.97	151	63.57	59	64.13	92	-4.08	-9.16
5	58.30	82	53.95	152	61.38	55	60.44	91	-3.09	-6.49

[1]Month 0 is approximate time of food stamp application.

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Exhibit B.12

Mean Food Stamp Income and Percentage of Respondents Receiving Any Food Stamp Income in Nassau County From Three Months Before Through Six Months After Month of Food Stamp Application[1]

Months Before and After Application	Treatment				Control				Difference	
	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	% With Any Income
-3	55.75	52	50.49	103	56.01	34	43.04	79	-0.27	7.45
-2	60.07	53	50.96	104	54.81	34	43.59	78	5.26	7.37
-1	64.19	53	50.96	104	57.71	39	48.75	80	6.48	2.21
0	67.46	60	57.69	104	70.54	53	67.09	79	-3.08	-9.40
1	91.30	73	69.52	105	85.85	68	79.07	86	5.45	-9.55
2	86.55	77	72.64	106	83.40	66	76.74	86	3.15	-4.10
4	68.79	52	50.98	102	71.78	60	69.77	86	-2.98	-18.79
5	57.56	51	51.00	100	74.77	57	70.37	81	-17.21	-19.37

[1]Month 0 is approximate time of food stamp application.

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Exhibit B.13

Mean Food Stamp Income and Percentage of Respondents Receiving Any Food Stamp Income in Portsmouth From Three Months Before Through Six Months After Month of Food Stamp Application[1]

Months Before and After Application	Treatment				Control				Difference	
	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	% With Any Income
-3	112.09	104	75.91	137	98.93	78	75.00	104	13.15	0.91
-2	114.55	105	76.64	137	103.72	82	78.85	104	10.83	-2.20
-1	116.57	104	75.91	137	107.26	84	80.77	104	9.31	-4.86
0	140.07	129	94.16	137	117.12	94	90.38	104	22.95	3.78
1	149.64	133	96.38	138	128.79	101	97.12	104	20.86	-0.74
2	148.19	130	94.20	138	125.25	97	93.27	104	22.94	0.93
4	128.39	114	85.71	133	105.53	83	83.00	100	22.86	2.71
5	128.20	113	84.96	133	108.13	83	83.00	100	20.07	1.96

[1]Month 0 is approximate time of food stamp application.

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Exhibit B.14

Mean Food Stamp Income and Percentage of Respondents Receiving Any Food Stamp Income in San Diego From Three Months Before Through Six Months After Month of Food Stamp Application[1]

Months Before and After Application	Treatment				Control				Difference	
	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	Number With Any Income	% With Any Income	Sample Size	Mean Income	% With Any Income
-3	33.34	54	30.00	180	42.71	45	42.86	105	-9.38	-12.86
-2	36.88	59	32.60	181	48.08	52	49.52	105	-11.19	-16.93
-1	41.68	71	38.80	183	54.40	60	57.14	105	-12.72	-18.35
0	65.93	128	69.19	185	77.03	87	82.86	105	-11.10	-13.67
1	84.15	149	79.26	188	81.38	93	88.57	105	2.77	-9.32
2	71.14	121	64.02	189	71.60	81	77.14	105	-0.46	-13.12
4	39.22	72	38.10	189	57.18	71	68.27	104	-17.96	-30.17
5	37.68	69	36.70	188	54.67	65	63.73	102	-16.99	-27.02

[1]Month 0 is approximate time of food stamp application.

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Appendix C

The Methodology and Full Multivariate Results

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Appendix C

The Methodology and Full Multivariate Results

A general discussion of the methodology used to estimate the impact of demonstration treatments appears in Section 5.3.2 of the text. This appendix provides a detailed explanation of the methodology and the estimation models along with the full multivariate results.

The Methodology

To isolate the impact of the demonstration treatment, the evaluation made full use of an experimental design. Within each site, nonexempt registrants were randomly assigned to treatment and control groups at the time of their application or recertificaiton for food stamps. Each site then imposed a job search requirement on those assigned to treatment and permitted the control group to receive food stamps without having to submit to a search requirement. This did not mean that the control group had no contact with employment agencies, but instead that controls did what the treatment group would have done had it not been subject to one of the demonstration treatments. Thus, comparing treatment outcomes with control outcomes yields estimates of the net effects of demonstration treatments.

In estimating the impact of treatment on a particular outcome, X, (say, food stamp benefits per month), one would begin with simple differences as:

(1) $$Y = X_t - X_c$$

where Y is the mean impact, and X_t and X_c are mean monthly food stamp benefits of treatment and control group registrants. The first step in the analysis is to present straightforward estimates of net impacts based

on this procedure for all demonstration sites pooled together, for all sites within each model, and for each site separately.

Although these estimates are revealing, development of a refined set of estimates requires taking account of differences across sites in the percentages assigned to treatment and differences within and between treatment and controls groups in measured and unmeasured economic, demographic, and personal characteristics. The differences in characteristics might have resulted from the nature of the specific draw of the sample or from differences in attrition between random assignment and completion of the first or second household survey. In either case, the analysis sample may be somewhat unrepresentative of the registrant population which, in turn, might bias estimates derived from equation (1).

To the extent that treatment and control group characteristics differ on measured variables, it is possible to refine the estimates of treatment effects through the use of multivariate analyses, as in:

$$(2) \qquad Y_i = bT_i + cS_{ik} + dZ_i + e_i$$

where T equals 1 if registrant i was assigned to the treatment group and 0 if assigned to the control group, the S_{ik}'s are dummy variables representing 1 if individual i was in site k, the Z_i's are set of economic and demographic characteristics and e_i is a random error term. Equation (2) permits one to obtain the impact of treatment net of the effects of individual characteristics and specific site implementation of model requirements.

Deriving unbiased estimates becomes more problematical if attrition were to produce a treatment sample that differs from the control sample in terms of unmeasured characteristics, such as motivation and personality.

Fortunately, the econometric literature offers an approach for developing unbiased estimates of treatment effects in the presence of these differences in unmeasured characteristics. The method involves a two step procedure. First, estimating an equation like (3) yields the determinants of whether the individual is or not in the analysis sample.

$$(3) \qquad P_i = bT_i + c_kS_{ik} + dZ_i + u_i$$

P_i equals 1 if the individual i is in the analysis sample and 0 if not; and u_i is a random error term.

The second step is to use the results from (3) in an outcome equation like (4):

$$(4) \qquad Y_i = bT_i + c_kS_{ik} + dZ_i + fL_i + v_i$$

where L_i is a transformation of the predicted value of the individual's presence in the analysis sample and v_i is a random error term. To the extent that unmeasured differences between those who did and did not appear in the analysis sample are important, the effect should operate through the L variable. Then, the measured effect of the T variable should be an unbiased estimate of the impact of treatment status. The value of b represents the difference in outcomes between individuals who differ in terms of being in or not in the treatment group, but have the same personal characteristics, at the same sites, and the same probabilities of falling into the analysis sample.

Although b captures the treatment effect over the entire group of registrants entering the demonstration, it yields only an effect averaged over those actually exposed to services, and those who were not. Many individuals who were randomly assigned to the treatment group might have

faced no treatment at all, if they were assessed as not job-ready, or only limited treatment, if they were never assigned to a job club or not called in for an assessment interview. To determine the effect of treatment on those who actually found themselves subject to treatment, or who actually received services requires a two-stage procedure similar to the approach outlined with equations (3) and (4). The reason is that exposure to treatment, like attrition, is likely to vary with registrant characteristics, both measured and unmeasured.

The first step is to estimate the determinants of whether an individual was subject to treatment. In the second stage equations like (5), outcomes are a function of experimental group status as well as the receipt of a treatment:

$$(5) \quad Y_i = bT_i + c_k S_{ik} + dZ_i + gA_i + v_i$$

where A_i is the predicted value of receiving a treatment.

In comparison to equation (2) or (4), equation (5) yields a more complete picture. In equations (2) and (4), b is the average effect of being assigned to treatment status. Equation (5) allows one to distinguish between the effect of assignment (captured by b) and the additional effect of receiving a treatment (captured by g). While equation (5) is in principle more complete, the additional insight might be small if the equation estimating exposure to treatment does not account for much of the variance. Moreover, since national policymakers can mandate only treatment models that contain a mixture of elements, the effect of the "bundle" of treatments under each model may have more policy relevance than the effects of individual elements of treatment.

The impact results come primarily from equations (1), (2), and (4) and

from graphs highlighting the time path of employment and food stamp benefit payments by experimental group. The analysis yields estimates of how work registration treatments affected job search intensity, employment, earnings, termination from food stamp rolls resulting from noncompliance with program rules, food stamp benefits, and total transfer benefits. In the case of each dependent variable, two models were run for males, females, and usually for both sexes combined. Included in both sets of models as independent variables were: the site at which registrants applied for food stamps, demographic characteristics of registrants and their households, education and school status of registrants, earnings and employment status of registrants during the quarter and year before application, welfare and food stamp receipts of registrants' households during the quarter before application, and controls for attrition (as described in Sections 5.3.2, 5.4 and Appendix D).

The equations used several specifications of the dummy variables representing assignment to the treatment group. To measure impacts during the Initial Demonstration, the usual approach was to define three dummy variables capturing a combination of experimental status and treatment model. One variable equalled 1 if the individual was in the treatment group at a site implementing the In-Person Registration Model and zero otherwise; the other two variables equalled 1 if the individuals were in treatment groups at Job Club or Food Stamp Agency sites. The impact estimates then represented the effect of each model's treatment relative to control status, holding constant for site residence.

The estimates derived from the Expanded Demonstration involved two major specifications. One set of models derived the effect of treatment

status using a single dummy variable for experimental status. These models yielded estimates of the impact of being assigned to the treatment group relative to being assigned to the control group for the entire sample. The second set of models derived treatment effects by site by including seven treatment by site interaction terms, but not the dummy variable representing experimental status. A typical interaction term equalled 1, if the registrant was in the treatment group and in site A; and zero, otherwise.

Thus, the first set of models were of the form:

(6) $Y = a_0 + bX + cZ + dS + jT + e,$

where Y is an outcome measure, X is a vector of demographic or personal characteristics with b as the vector of associated coefficients, Z is a vector of household characteristics with c as the vector of associated coefficients, S is a vector of six dummy variables representing all but one site with d as the vector of associated coefficients, T is a dummy variable that equals 1 if the registrant was assigned to the treatment group and 0 if the registrant was assigned to the control group, e is an error term, and j is the coefficient representing the impact of treatment status.

The second set of models were of the form:

(2) $Y = a_0 + bX + cZ + dS + hST + e,$

where ST is a vector of seven site by treatment interactions and h is a vector of coefficients representing the impact of treatment status within each site. Because the ST variables appear along with the S variables (but not the T variable), the h coefficients capture the effect of being in the treatment group and in site a relative to simply being in site a. Further, the standard errors on the h coefficients yield the appropriate test of

significance on the impact of being treated in site A as compared to being in the control group in site a. For a full discussion of the procedures used in estimating differences between dummy variables, see Robert S. Pindyck and Daniel L. Rubinfeld, Econometric Models and Economic Forecasts (Second Edition), pages 111-116 and 135-137.

The multivariate procedures differed by dependent variable. Estimates of the impact of treatment status on categorical variables, such as terminated for noncompliance, relied on the probit procedure. Ordinary least squares was the approach used for continuous variables, such as the log of income. Several variables were continuous over a range but truncated at zero. These included such major variables as earnings, food stamp benefits, and total transfers. The appropriate procedure for these kinds of variables is tobit analysis. Although tobit analysis is more expensive to implement than ordinary least squares, it provides more efficient estimates because it takes account of the truncation of the dependent variable. See Stromsdorfer and Farkas (1980) and McDonald and Moffitt(1980) for explanations of tobit analysis.

An earlier report on the Initial Demonstration relied on ordinary least squares for estimates of such key variables as earnings and food stamp benefits. This final report presents reestimates of the treatment effects on these variables using tobit analysis. For this reason, the results from the earlier report are not the same as those presented here.

The listing below displays the estimation procedure, the appendix pages, and the text Table for each dependent variable. The list of variable names follows the listing of procedures and dependent variables.

Dependent Variable	Estimation Technique	Appendix Pages	Text Tables
(1) Worked all weeks first quarter after application	Probit Analysis	1 - 4	
(2) Job Contacts per week not employed	Ordinary Least Squares [includes inverse Mills ratio from (1)]	5 - 8	Table 5.6
(3) Attrition between application and six month interview	Probit Analysis	9	
(4) Earnings in first quarter after application	Tobit Analysis	10-16	Table 5.9
(5) Earnings in fifth and sixth months after application	Tobit Analysis	17-36	Table 5.9
(6) Weeks Employed as percent of all weeks in first quarter after application	Ordinary Least Squares	37-40	Table 5.9
(7) Weeks Employed as percent of weeks in fifth and sixth months after application	Ordinary Least Squares	41-44	Table 5.9
(8) Employed or Not during week before 3 month interview	Probit Analysis	45-48	Table 5.9
(9) Employed or Not during week before 6 month interview	Probit Analysis	49-52	Table 5.9
(10) Received Food Stamps During Third Month after application	Probit Analysis	53-56	Table 5.14
(11) Received Food Stamps During Sixth Month after application	Probit Analysis	57-60	Table 5.14

Dependent Variable	Estimation Technique	Appendix Pages	Text Tables
(12) Terminated or Application Denied for Noncompliance during first quarter after application	Probit Analysis	61-64	Table 5.11
(13) Terminated or Application Denied for Noncompliance during first or second quarter after application	Probit Analysis	65-68	Table 5.11
(14) Food stamp benefits during first quarter after application	Tobit Analysis	69-75	Table 7.3
(15) Food stamp benefits during fifth and sixth months after application	Tobit Analysis	76-99	Table 5.15
(16) Total transfers during first quarter after application	Tobit Analysis	100-105	Table 5.16
(17) Total transfers during fifth and sixth months after application	Tobit Analysis	106-126	Table 5.16
(18) Registrant Made Job Contacts, Attended Job Club, or Worked at Workfare Site	Probit Analysis	124-128	
Impacts of predicted participation [based on (18)] and actual participation in job search or workfare:			
(19) Natural Log of Earnings during fifth and sixth months after application	Ordinary Least Squares	129-132	Table 5.19

Dependent Variable	Estimation Technique	Appendix Pages	Text Tables
Impacts of predicted participation [based on (18)] and actual participation in job search or workfare:			
(20) Weeks worked as percent of all weeks in fifth and sixth months after application	Ordinary Least Squares	133-136	Table 5.19
(21) Terminated or application denied for noncompliance with program rules	Probit Analysis	137-140	Table 5.19
(22) Any food stamp income during sixth month after application	Probit Analysis	141-144	Table 5.19
(23) Food stamp benefits during sixth month after application	Ordinary Least Squares	145-148	Table 5.19

Variable List for Labels Not Self-Explanatory

R YRS ED = RESPONDENT'S YEARS OF EDUCATION

INSCHOOL = RESPONDENT CURRENTLY IN SCHOOL

C 1 = EMPLOYED WEEK PRIOR TO INTERVIEW

C 2 = PROPORTION OF WEEKS WORKED IN RELEVANT PERIOD AFTER APPLICATION

C 3 = WEEKS EMPLOYED AS A PERCENT OF WEEKS IN THE PREAPPLICATION QUARTER

L C9 I = NATURAL LOG OF 1982 EARNINGS, MISSING VALUES SET TO ZERO

C 9 M = MISSING VALUE ON 1982 EARNINGS

C 10 B I = ANY WEEKS WORKED IN 1982, MISSING SET TO ZERO

C 10 B M = MISSING VALUE FOR "ANY WEEKS WORKED IN 1982"

NEW APPL = NEW APPLICANT FOR FOOD STAMPS (NOT RECERTIFICATION)

PA = RECEIVED PUBLIC ASSISTANCE AT TIME OF APPLICATION

TTRAN PR = TOTAL TRANSFERS IN PREAPPLICATION QUARTER

A 13 = ATTENDED JOB CLUB, MADE JOB CONTACTS, OR WORKED AT WORKFARE SITE

P 13 = PREDICTED VALUE OF A 13 BASED ON PROBIT EQUATION ON DETERMINANTS OF A13

D 4 = TERMINATED OR APPLICATION DENIED FOR NONCOMPLIANCE WITH PROGRAM RULES THROUGH SIXTH MONTH AFTER APPLICATION

FS 6 BN = RECEIVED FOOD STAMP BENEFITS IN SIXTH MONTH AFTER APPLICATION

FS 6 = VALUE OF FOOD STAMP BENEFITS IN SIXTH MONTH AFTER APPLICATION

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Section C-1

Backup Multivariate Results for Chapter 5

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<IMONTH1>======> STAGE 1 PROBITS <===== 19:36 TUESDAY, JUNE 26, 19[illegible] 10

>>> MALES <<<

WORKED ALL 13 WEEKS AFTER APPLICATION

[illegible]	[illegible]	MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	[illegible]	-[illegible]	[illegible]	-4.3004057	
2	[illegible]	[illegible]	[illegible]	2.2307[illegible]	
3	[illegible]	-.[illegible]D-01	[illegible]	-.84175[illegible]D-01	
4	[illegible]	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	1.4[illegible]	
6	[illegible]	[illegible]	[illegible]	2.07[illegible]	
7	[illegible]	[illegible]	[illegible]	.8[illegible]09714	
8	[illegible]	[illegible]	[illegible]	.67926293	RESPONDENT IS WHITE
9	[illegible]	-.[illegible]D-01	.2317[illegible]D-01	-1.5[illegible]3677	RESPONDENT'S YEARS OF EDUCATION
10	[illegible]	[illegible]D-01	.37[illegible]D-01	.2[illegible]015	# MEMBERS IN HOUSEHOLD
11	[illegible]	-.[illegible]D-02	.1[illegible]77277	-.61276[illegible]D-01	RESPONDENT IS MARRIED
12	[illegible]	-.[illegible]D-01	.14[illegible]	-.92[illegible]D-01	RESPONDENT AGE 25 - 44
13	[illegible]	-.1[illegible]	.23[illegible]76	-.56771332	RESPONDENT AGE 45 OR OVER
14	[illegible]	-.[illegible]379	.26[illegible]	-.57599358	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	[illegible]	1.[illegible]013	.16[illegible]	11.326550	E:14-26 / 13
16	[illegible]	-.[illegible]	.1[illegible]575	-1.7256014	WEEKS 14-26: ANY WELFARE $
17	[illegible]	1.3[illegible]733	.6[illegible]037	1.9681112	3 MONTH SURVEY ATTRITION MILLS RATIO
18	I_[illegible]	.4[illegible]54	.13650379	3.3660571	WEEKS 14-26: ANY FS $
19	[illegible]	.17057034	.12670504	1.3462001	TREATMENT=1
20	L_[illegible]	-.17[illegible]D-01	.19[illegible]D-01	-.83773710	LOG 1982 EARNINGS - MISSING = 0
21	C_9_M	-.23323731	.25533175	-.91320[illegible]	EARNINGS IN 1982 MISSING

OBSERVATIONS 1196

LIMITS 1073

NONLIMITS 113

(-2.0) TIMES LOG LIKELIHOOD RATIO 207.96766

DEGREES OF FREEDOM 20

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<3MONTH19>=====> STAGE 1 PROBITS <===== 14:33 WEDNESDAY, JUNE 27, 19[illegible] 1[illegible]

>>> MALES <<<

WORKED ALL 13 WEEKS AFTER APPLICATION

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-3.1723418	.81781207	-3.8790596	
2	FLORIDA	.31546340	.41350493	.76290111	
3	FRESNO	-.40844399	.3[illegible]47233	-1.0[illegible]505	
4	KENTUCKY	.1[illegible]98370	.47322263	.42049701	
5	MAINE	-.5[illegible]19127D-01	.38180051	-.13781833	
6	MASSAU	.52996078	.44620563	1.1877051	
7	PORTSMTH	-.81889313D-01	.43536366	-.18809405	
8	R_WHITE	.82436876D-01	.15553649	.56853513	RESPONDENT IS WHITE
9	R_YRS_ED	-.34284357D-01	.23417[illegible]D-01	-1.4639173	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.14204783D-01	.38591195D-01	.36803353	# MEMBERS IN HOUSEHOLD
11	R_MARRIED	.18579119D-02	.15093475	.12309372D-01	RESPONDENT IS MARRIED
12	R_25_44	.72249795D-02	.15112489	.47808003D-01	RESPONDENT AGE 25 - 44
13	R_45	-.10421413	.24[illegible]3077	-.42489784	RESPONDENT AGE 45 OR OVER
14	I_SCHOOL	-.14802853	.26799[illegible]45	-.55234639	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	1.9023[illegible]0	.16[illegible]5[illegible]5	11.306472	E:14-26 / 13
16	I_S_PN	-.31214366	.18350917	-1.7009704	WEEKS 14-26: ANY WELFARE $
17	ATTRIBILL	1.4425090	.74[illegible]13551	1.9281326	3 MONTH SURVEY ATTRITION MILLS RATIO
18	I_4_PN	.48273193	.13[illegible]09	3.4730146	WEEKS 14-26: ANY FS $
19	T_[illegible]	-.22249954	.37423160	-.59359269	TREATMENT=1
20	L_[illegible]_I	-.17844662D-01	.19909180D-01	-.89630326	LOG 1982 EARNINGS - MISSING = 0
21	C_9_M	-.24545145	.[illegible]	-.94956421	EARNINGS IN 1982 MISSING
22	T_FLORID	.44662832	.47[illegible]3451	.97558941	
23	T_FRESNO	.59531510	.46[illegible]2235	1.2840513	
24	T_KENTUC	.25760364D-01	.51[illegible]3340	.49550273D-01	
25	T_MAINE	.61501577	.4[illegible]577[illegible]0	1.3204093	
26	T_NASSAU	.63459389D-01	.5[illegible]747110	.11182841	
27	T_PORTSM	.53352500	.57632766	.92569736	

OBSERVATIONS 1186

LIMITS 1073

NONLIMITS 113

(-2.0) TIMES LOG LIKELIHOOD RATIO 212.04357

DEGREES OF FREEDOM 26

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<[illegible]>=====> STAGE 1 PROBITS <===== 19:36 TUESDAY, JUNE 26, 1984 22

>>> FEMALES <<<

WORKED ALL 13 WEEKS AFTER APPLICATION

	[illegible]	MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	[illegible]	-4.3161[illegible]	.[illegible]1710348	-5.2822452	
2	[illegible]	.50137775	.2[illegible]	1.0769722	
3	[illegible]	-.[illegible]1775	.[illegible]737	-1.0634949	
4	[illegible]	.10171[illegible]3	.41[illegible]373	.2[illegible]47[illegible]90	
5	[illegible]	-.1[illegible]3	.2[illegible]1075	-.[illegible]1571	
6	[illegible]	.25[illegible]4	.2[illegible]4	1.0[illegible]220	
7	[illegible]	-.3[illegible]217	.[illegible]	-1.0734922	
8	[illegible]	-.17510[illegible]	.1[illegible]4003	-1.10[illegible]549	RESPONDENT IS WHITE
9	[illegible]	.[illegible]D-01	.2[illegible]D-01	.9[illegible]24	RESPONDENT'S YEARS OF EDUCATION
10	[illegible]	-.[illegible]121D-01	.[illegible]D-01	-.47574737	# MEMBERS IN HOUSEHOLD
11	[illegible]	-.1[illegible]1709	.174[illegible]44	-.02354301	RESPONDENT IS MARRIED
12	[illegible]	.5[illegible]001	.2[illegible]77	2.6020353	RESPONDENT AGE 25 - 44
13	[illegible]	.[illegible]20	.2630[illegible]20	3.2370687	RESPONDENT AGE 45 OR OVER
14	[illegible]	-.12216142	.31[illegible]09	-.3[illegible]31423	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	[illegible]	2.6013702	.17[illegible]250	14.463024	E:14-26 / 13
16	[illegible]	.9[illegible]D-02	.19[illegible]125	.49750297D-01	WEEKS 14-26: ANY WELFARE $
17	[illegible]	1.3243050	.91[illegible]03	1.4536875	3 MONTH SURVEY ATTRITION MILLS RATIO
18	[illegible]	.48759630	.14[illegible]141	3.3378396	WEEKS 14-26: ANY FS $
19	[illegible]	.24525547	.14365513	1.7072518	TREATMENT=1
20	[illegible]	.419317570-01	.2072[illegible]D-01	2.0234324	LOG 1982 EARNINGS - MISSING = 0
21	[illegible]	.27742335	.26[illegible]95	1.0521614	EARNINGS IN 1982 MISSING

OBSERVATIONS 1177

LIMITS 1001

MONOTONICS 176

(-2.0) TIMES LOG LIKELIHOOD RATIO 526.09196

DEGREES OF FREEDOM 20

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<IMONTH19>======> STAGE 1 PROBITS <====== 14:33 WEDNESDAY, JUNE 27, 1[illegible]

>>> FEMALES <<<

WORKED ALL 13 WEEKS AFTER APPLICATION

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-4.4243673	.8[illegible]9[illegible]6[illegible]3	-4.9751330	
2	[illegible]	.8[illegible]19[illegible]500	.4[illegible]10	1.9[illegible]109	
3	[illegible]	-.41114[illegible]	.4[illegible]	-.[illegible]5217[illegible]	
4	[illegible]	.8[illegible]92128	.5[illegible]27	1.5[illegible]912	
5	[illegible]	-.22791[illegible]	.4[illegible]	-.46337[illegible]0	
6	[illegible]	.8[illegible]643[illegible]03	.4[illegible]171103	1.8911634	
7	[illegible]	.2[illegible]47[illegible]52	.4[illegible]375	.54[illegible]6	
8	[illegible]	-.15742[illegible]	.15[illegible]270	-.9[illegible]618577	RESPONDENT IS WHITE
9	[illegible]	.15[illegible]37[illegible]00D-01	.2[illegible]D-01	.58[illegible]0128	RESPONDENT'S YEARS OF EDUCATION
10	[illegible]	-.20[illegible]074[illegible]D-01	.4[illegible]D-01	-.4453[illegible]	# MEMBERS IN HOUSEHOLD
11	[illegible]	-.1[illegible]460718	.1[illegible]	-1.0[illegible]27	RESPONDENT IS MARRIED
12	[illegible]	.53754362	.2[illegible]	2.5118123	RESPONDENT AGE 25 - 44
13	[illegible]	.7[illegible]7[illegible]552	.[illegible]	2.[illegible]617	RESPONDENT AGE 45 OR OVER
14	[illegible]	-.18341615	.3[illegible]53	-.5[illegible]439[illegible]6	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	2.6363722	.1[illegible]27	14.431620	E:14-26 / 13
16	I_[illegible]	.30[illegible]0190D-01	.1[illegible]366	.15217[illegible]	WEEKS 14-26: ANY WELFARE $
17	ATTRMILL	1.1691720	.99[illegible]1936	1.1776279	3 MONTH SURVEY ATTRITION MILLS RATIO
18	I_4_[illegible]	.46581678	.14[illegible]174	3.1460[illegible]82	WEEKS 14-26: ANY FS $
19	TREATMEN	.6[illegible]35[illegible]34	.3[illegible]702493	1.7920040	TREATMENT=1
20	L_[illegible]_I	.39581803D-01	.2[illegible]D-01	1.8262942	LOG 1982 EARNINGS - MISSING = 0
21	C_9_M	.25[illegible]0[illegible]55	.26750815	.95728379	EARNINGS IN 1982 MISSING
22	T_[illegible]	-.53336148	.4[illegible]61541	-1.0[illegible]3473	
23	T_[illegible]	-.33196018D-01	.53354130	-.62218273D-01	
24	T_[illegible]	-1.3[illegible]0[illegible]	.60[illegible]1603	-2.2139161	
25	T_[illegible]	.15[illegible]0[illegible]03	.5[illegible]2910	.29076257	
26	T_[illegible]	-.85267830	.5[illegible]40211	-1.6229061	
27	T_[illegible]	-.8[illegible]118499	.5[illegible]3277	-1.4852299	

OBSERVATIONS 1177

LIMITS 1001

NONLIMITS 176

(-2.0) TIMES LOG LIKELIHOOD RATIO 537.39[illegible]04

DEGREES OF FREEDOM 26

>>> MALES <<<

CONTACTS/WEEK OF NOT EMPLOYED

MODEL:	MODEL01	SSE	13232.31	F RATIO	19.21
		DFE	1007	PROB>F	0.0001
DEP VAR:	J_1	MSE	13.140332	R-SQUARE	0.3049
	# CONTACTS PER WEEK OF NOT EMPLOYED				

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-1.971109	1.453088	-1.3565	0.1752	
FLORIDA	1	0.255491	0.521916	0.4895	0.6246	
FRESNO	1	-0.693459	0.448747	-1.5453	0.1226	
KENTUCKY	1	0.015748	0.686166	0.0230	0.9817	
MAINE	1	0.415924	0.452537	0.9191	0.3583	
NASSAU	1	-0.964966	0.535495	-1.8020	0.0718	
FORTSMTH	1	-0.015223	0.491761	-0.0310	0.9753	
R_WHITE	1	0.056602	0.284823	0.1987	0.8425	RESPONDENT IS WHITE
R_YRS_ED	1	0.142423	0.046720	3.0484	0.0024	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.081905	0.071110	-1.1518	0.2497	# MEMBERS IN HOUSEHOLD
R_MARRD	1	0.756186	0.274619	2.7536	0.0060	RESPONDENT IS MARRIED
R_25_44	1	0.151252	0.288341	0.5246	0.6000	RESPONDENT AGE 25 - 44
R_45	1	-0.076674	0.429131	-0.1787	0.8582	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.675365	0.481703	-1.4020	0.1612	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	-0.705668	0.849887	-0.8303	0.4066	E:14-26 / 13
I_8_BN	1	-0.114872	0.298232	-0.3852	0.7002	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.627741	0.281768	2.2279	0.0261	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-0.110361	0.517229	-0.2134	0.8311	ANY WORK IN 1982 MISSING
ATT3MILL	1	1.959376	1.376659	1.4233	0.1550	3 MONTH SURVEY ATTRITION MILLS RATIO
I_4_BN	1	0.160844	0.295337	0.5446	0.5861	WEEKS 14-26: ANY FS $
J_4_I	1	0.655598	0.038357	17.0919	0.0001	PRE DEMO: CONT./WEEK - MISSING = 0
J_4_M	1	2.107382	0.516663	4.0788	0.0001	PRE DEMO: CONT./WEEK MISSING
WORK13ML	1	-0.220328	1.723905	-0.1278	0.8983	MILLS RATIO WORKED ALL 13 WEEKS
TREATMEN	1	0.541634	0.240221	2.2547	0.0244	TREATMENT=1

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>>> MALES <<<

CONTACTS/WEEK OF NOT EMPLOYED

MODEL: MODEL02	SSE	13187.57	F RATIO	15.31
	DFE	1001	PROB>F	0.0001
DEP VAR: J_1	MSE	13.174398	R-SQUARE	0.3073

CONTACTS PER WEEK OF NOT EMPLOYED

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-2.573206	1.541552	-1.6692	0.0954	
FLORIDA	1	0.709305	0.735529	0.9643	0.3351	
FRESNO	1	-0.444562	0.694291	-0.6403	0.5221	
KENTUCKY	1	0.357581	0.835103	0.4282	0.6686	
MAINE	1	0.624237	0.636938	0.9801	0.3273	
NASSAU	1	0.103252	0.817896	0.1262	0.8996	
PORTSMTH	1	0.148978	0.723901	0.2058	0.8370	
R_WHITE	1	0.070078	0.285533	0.2454	0.8062	RESPONDENT IS WHITE
R_YRS_ED	1	0.143295	0.047002	3.0487	0.0024	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.071004	0.072272	-0.9825	0.3261	# MEMBERS IN HOUSEHOLD
R_MARRD	1	0.776521	0.276506	2.8083	0.0051	RESPONDENT IS MARRIED
R_25_44	1	0.168435	0.290836	0.5791	0.5626	RESPONDENT AGE 25 - 44
R_45	1	-0.061788	0.438653	-0.1409	0.8880	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.684993	0.482883	-1.4185	0.1563	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	-0.644621	0.904610	-0.7126	0.4763	E:14-26 / 13
I_8_DN	1	-0.110741	0.299652	-0.3696	0.7118	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.586110	0.283440	2.0678	0.0389	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-0.117390	0.518541	-0.2264	0.8209	ANY WORK IN 1982 MISSING
ATT3MILL	1	2.301911	1.499141	1.5355	0.1250	3 MONTH SURVEY ATTRITION MILLS RATIO
I_4_DN	1	0.205167	0.305461	0.6717	0.5020	WEEKS 14-26: ANY FS $
J_4_I	1	0.653599	0.038600	16.9325	0.0001	PRE DEMO: CONT./WEEK - MISSING = 0
J_4_M	1	2.144376	0.520837	4.1172	0.0001	PRE DEMO: CONT./WEEK MISSING
WORK13ML	1	-0.392762	1.857403	-0.2115	0.8326	MILLS RATIO WORKED ALL 13 WEEKS
TREATMEN	1	0.962275	0.581734	1.6541	0.0984	TREATMENT=1
T_FLORID	1	-0.643954	0.874244	-0.7366	0.4615	
T_FRESNO	1	-0.467552	0.826624	-0.5656	0.5718	
T_KENTUC	1	-0.351602	0.804463	-0.4371	0.6622	
T_MAINE	1	-0.236119	0.808902	-0.2919	0.7704	
T_NASSAU	1	-1.779640	1.024500	-1.7371	0.0827	
T_PORTSM	1	-0.194540	0.981285	-0.1982	0.8429	

5.5

<3MONTH20>=====> STAGE 2 EQUATIONS <=====
>>> FEMALES <<<
CONTACTS/WEEK OF NOT EMPLOYED

16:23 THURSDAY, JUNE 28, 1984 7

MODEL: MODEL01

DEP VAR: J_1
CONTACTS PER WEEK OF NOT EMPLOYED

SSE	4716.642	F RATIO	27.98
DFE	955	PROB>F	0.0001
MSE	4.938892	R-SQUARE	0.4026

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	0.327580	0.850497	0.3852	0.7002	
FLORIDA	1	-0.136263	0.322842	-0.4221	0.6731	
FRESNO	1	0.091756	0.291496	0.3148	0.7530	
KENTUCKY	1	-0.563273	0.427425	-1.3178	0.1879	
MAINE	1	-0.354085	0.312408	-1.1334	0.2573	
NASSAU	1	-0.420903	0.317511	-1.3256	0.1853	
FORTSMTH	1	-0.317625	0.299375	-1.0610	0.2890	
R_WHITE	1	0.196770	0.188058	1.0463	0.2957	
R_YRS_ED	1	0.079037	0.026117	3.0263	0.0025	RESPONDENT IS WHITE
HH_SIZE	1	0.028736	0.044786	0.6416	0.5213	RESPONDENT'S YEARS OF EDUCATION
R_MARRD	1	-0.103611	0.173304	-0.5979	0.5501	# MEMBERS IN HOUSEHOLD
R_25_44	1	0.050704	0.215423	0.2354	0.8140	RESPONDENT IS MARRIED
R_45	1	-0.235336	0.279152	-0.8430	0.3994	RESPONDENT AGE 25 - 44
INSCHOOL	1	-0.316637	0.313416	-1.0103	0.3126	RESPONDENT AGE 45 OR OVER
C_3	1	-0.394549	0.502315	-0.7855	0.4324	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
I_8_BN	1	0.018644	0.179588	0.1038	0.9173	E:14-26 / 13
C_10_B_I	1	0.436249	0.175148	2.4907	0.0129	WEEKS 14-26: ANY WELFARE $
C_10_B_M	1	0.187619	0.368727	0.5088	0.6110	ANY WORK IN 1982 - MISSING SET TO 0
ATT3MILL	1	-1.001860	0.957576	-1.0462	0.2957	ANY WORK IN 1982 MISSING
I_4_BN	1	-0.365392	0.170479	-2.1433	0.0323	3 MONTH SURVEY ATTRITION MILLS RATIO
J_4_I	1	0.746898	0.036324	20.5622	0.0001	WEEKS 14-26: ANY FS $
J_4_M	1	1.824241	0.384562	4.7437	0.0001	PRE DEMO: CONT./WEEK - MISSING = 0
WORK13ML	1	0.254418	0.598735	0.4249	0.6710	PRE DEMO: CONT./WEEK MISSING
TREATMEN	1	0.372766	0.149150	2.4993	0.0126	MILLS RATIO WORKED ALL 13 WEEKS
						TREATMENT=1

>>> FEMALES <<<

CONTACTS/WEEK OF NOT EMPLOYED

MODEL:	MODEL02	SSE	4679.283	F RATIO	22.49
		DFE	949	PROB>F	0.0001
DEP VAR:	J_1	MSE	4.930751	R-SQUARE	0.4073
	# CONTACTS PER WEEK OF NOT EMPLOYED				

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	1.057681	0.935468	1.1306	0.2585	
FLORIDA	1	-0.980624	0.508395	-1.9289	0.0540	
FRESNO	1	-0.075627	0.451301	-0.1676	0.8670	
KENTUCKY	1	-1.339623	0.553433	-2.4206	0.0157	
MAINE	1	-0.644077	0.481797	-1.3368	0.1816	
NASSAU	1	-0.833325	0.532947	-1.5636	0.1182	
PORTSMTH	1	-0.454419	0.458394	-0.9913	0.3218	
R_WHITE	1	0.201710	0.188601	1.0695	0.2851	RESPONDENT IS WHITE
R_YRS_ED	1	0.076612	0.026139	2.9309	0.0035	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	0.027325	0.045176	0.6049	0.5454	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-0.104986	0.173620	-0.6047	0.5455	RESPONDENT IS MARRIED
R_25_44	1	-0.020276	0.218143	-0.0930	0.9260	RESPONDENT AGE 25 - 44
R_45	1	-0.324589	0.285526	-1.1368	0.2559	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.318040	0.315072	-1.0094	0.3130	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	-0.619356	0.521482	-1.1877	0.2353	E:14-26 / 13
I_8_BN	1	0.008221356	0.179984	0.0457	0.9636	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.438350	0.175472	2.4981	0.0127	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	0.187841	0.370139	0.5075	0.6119	ANY WORK IN 1982 MISSING
ATT3MILL	1	-1.449996	1.057864	-1.3707	0.1708	3 MONTH SURVEY ATTRITION MILLS RATIO
I_4_BN	1	-0.406726	0.172157	-2.3625	0.0184	WEEKS 14-26: ANY FS $
J_4_I	1	0.743143	0.036512	20.3533	0.0001	PRE DEMO: CONT./WEEK - MISSING = 0
J_4_M	1	1.763523	0.388440	4.5400	0.0001	PRE DEMO: CONT./WEEK MISSING
WORK13ML	1	0.586319	0.634201	0.9245	0.3555	MILLS RATIO WORKED ALL 13 WEEKS
TREATMEN	1	-0.138577	0.425995	-0.3253	0.7450	TREATMENT=1
T_FLORID	1	1.187003	0.579309	2.0490	0.0407	
T_FRESNO	1	0.257713	0.557385	0.4624	0.6439	
T_KENTUC	1	1.002420	0.564033	1.7772	0.0758	
T_MAINE	1	0.362132	0.579584	0.6248	0.5322	
T_NASSAU	1	0.593583	0.654175	0.9074	0.3644	
T_PORTSM	1	0.152050	0.576840	0.2636	0.7922	

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***                    EXCLUDES                          ***
***          CASES OF UNCERTAIN CERTIFICATION            ***
*** NASSAU CASES NOT CERTIFIED FOR REASONS OTHER THAN DEMO ***
***           PORTSMOUTH CASES NOT CERTIFIED             ***
***   CASES WRONGLY CHOSEN FOR INTERVIEW (CODES 12 & 13)  ***
***     MAINE & PORTSMITH CASES WITH TREATMENT PROBLEM    ***
```

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-.29812705	.15231891	-1.9572557	
2	MALE	-.37980812	.42509853D-01	-8.9345903	
3	AGE	.12910239D-01	.18173525D-02	7.1038716	
4	PA	-.15972729	.13387435	-1.1931135	
5	TREATED	.64811023D-01	.16104436	.40244205	
6	BENEFITS	.14185168D-02	.27858763D-03	5.0918156	Benefit Amount
7	NEW_APPL	-.22858572	.45372260D-01	-5.0380061	New applicant
8	HH_TREAT	-.19981941	.71566894D-01	-2.7920648	# Treated Work Registrants in Household
9	HH_CNTL	-.42249236D-01	.91744203D-01	-.46051124	# Control Work Registrants in Household
10	DENIED	-.14716433	.21405403	-.68751020	F.S. APPLICATION DENIED
11	DENIED_N	-.37558651	.36891841	-1.0180747	APPLICATION DENIED & NASSAU
12	FLORIDA	.40809749	.12920456	3.1585379	
13	FRESNO	-.19704265	.10884734	-1.8102660	
14	KENTUCKY	.64320294	.12869683	4.9978151	
15	MAINE	.20048814	.12558852	1.5963891	
16	NASSAU	.32509915D-01	.14056127	.23128644	
17	PORTSMTH	-.13380859	.12398469	-1.0792348	
18	T_FLORID	-.17025084	.15716844	-1.0832381	
19	T_FRESNO	.67227371D-01	.13821508	.48639679	
20	T_KENTUC	.22758376D-01	.15995667	.14227839	
21	T_MAINE	.13728899	.15711798	.87379556	
22	T_NASSAU	-.61585966D-01	.16719247	-.36835370	
23	T_PORTSM	.21045351	.15624094	1.3469806	

OBSERVATIONS

SURVEYED = 0: 2112
SURVEYED = 1: 1911
TOTAL: 4023

(-2.0) TIMES LOG LIKELIHOOD RATIO: 440.98742
DEGREES OF FREEDOM: 22

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ENTIRE SAMPLE EARNINGS TOBIT
INCLUDING EARNINGS BEFORE APPLICATION

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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  2258

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS    1270   ( 56.2 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS     988   ( 43.8 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        2258.000000
        337.0000000
        377.0000000
        366.0000000
        303.0000000
        206.0000000
        314.0000000
        1211.000000
        23449.00000
        7295.000000
        789.0000000
        1156.000000
        584.0000000
        132.0000000
        611.0000000
        539.0000000
        1231.000000
        115.0000000
        1382.007345
        1341.000000
        1302.000000
        905568.0000
        1110.000000


ITERATION LOG
  0  -.1000000D+48 -.2668305      .5590525D-01  .3155326D-01 -.3188088      .1060357      .4268441     -.2911817D-01  .2946076D-01

  .2693589D-01  .3327478D-01  .2030435      .2466486      .1310453     -.1371784     -.1361453     -.1260321      .2218103

 -.2089135D-01  .3609744      .1940940      .1666284      .3851171D-03 -.1270554D-01 -.1706589D-02
  1  -9900.827     -1.511969      .6647481D-01  .6496751D-02 -.3810662D-01  .1912980D-01  .2030595      .2682680D-01  .1278601

  .2459356D-01  .2284011D-01  .1322464      .8347208D-01 -.2630992D-01 -.1144744      .8879279     -.1203315      .3736991

  .1563330      .3736500      .1973844      .7290013D-01  .1497553D-03  .3741471D-01 -.1192029D-02
  2  -8639.884     -1.947843      .8109314D-01  .2972894D-02  .2388899D-01  .4650480D-02  .2043637      .2990840D-01  .1686964

  .3054965D-01  .2676288D-01  .1373189      .7100350D-01 -.6588844D-01 -.1387215      1.077135     -.1604224      .5145931

  .2800515      .4779291      .2415670      .6267562D-01  .1411568D-03  .5337743D-01 -.1228193D-02
  3  -8614.286     -1.983686      .8264794D-01  .2589244D-02  .2937148D-01  .3764907D-02  .2061166      .2880996D-01  .1714630

  .3117301D-01  .2720221D-01  .1370987      .7064083D-01 -.6927681D-01 -.1408608      1.086295     -.1656743      .5279278
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.2939202      .4886874      .2453517      .6200049D-01  .1398377D-03  .5442327D-01 -.1227813D-02
 4  -8614.178     -1.983894      .8265901D-01  .2585736D-02  .2940592D-01  .3760249D-02  .2061340      .2879592D-01  .1714760

.3117681D-01  .2720501D-01  .1370933      .7063982D-01 -.6929917D-01 -.1408714      1.086343     -.1657141      .5280083

.2940083      .4887549      .2453719      .6199702D-01  .1398290D-03  .5442878D-01 -.1227808D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.8614178083655577D+04

DEPENDENT VARIABLE=I_1R
CLASS VARIABLE=CLASSEAR

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT    -1615.80       -7.03249        229.762
FLORIDA      67.3224        .777026        86.6412
FRESNO       2.10598        .264785D-01    79.5352
KENTUCKY     23.9499        .196165        122.091
MAINE        3.06257        .368493D-01    83.1108
NASSAU       167.888        1.92031        87.4275
PORTSMTH     23.4531        .271960        86.2372
R_WHITE      139.660        2.72900        51.1763
R_YRS_ED     25.3923        3.20924        7.91222
HH_SIZE      22.1574        1.67533        13.2257
R_MARRD      111.657        2.25516        49.5117
R_25_44      57.5333        1.05759        54.4002
R_45        -56.4414       -.741163        76.1524
INSCHOOL    -114.734       -1.24470        92.1782
C_3          884.783        13.1985        67.0364
I_8_BN      -134.967       -2.41621        55.8592
C_10_B_I     430.041        8.55131        50.2896
C_10_B_M     239.458        2.40650        99.5045
ATT3MILL     398.071        1.63650        243.245
TREATMEN     199.846        4.66240        42.8632
I_4_BN       50.4941        1.10445        45.7189
I_2R         .113885        3.58312        .317838D-01
R_MALE       44.3300        .708514        62.5676

ESTIMATED VARIANCE =  663344.548
         ST. ERROR =  814.459666

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.795827D-01
 -0.162030D-01   0.113164D-01
  0.230178D-02   0.237759D-02   0.953630D-02
 -0.314227D-01   0.100909D-01  -0.191627D-03   0.224713D-01
 -0.121622D-01   0.562981D-02   0.239281D-02   0.853102D-02   0.104130D-01
 -0.389427D-02   0.408223D-02   0.400365D-02   0.381365D-02   0.372862D-02   0.115228D-01
 -0.124426D-01   0.582666D-02   0.324264D-02   0.707305D-02   0.449300D-02   0.430949D-02   0.112112D-01
 -0.163204D-02   0.227013D-03   0.840828D-03  -0.154974D-02  -0.162557D-02   0.413346D-03   0.120916D-02   0.394820D-02

 -0.108856D-02   0.410542D-04   0.122619D-03   0.158411D-03   0.709932D-04  -0.393506D-04   0.711869D-04  -0.900503D-04
      0.943752D-04
 -0.184590D-02   0.134759D-03  -0.136800D-03   0.434496D-03   0.173398D-03  -0.710563D-04   0.278599D-04   0.109793D-03
      0.167243D-04   0.263692D-03
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-0.215064D-02   0.157049D-03  -0.589653D-03   0.237592D-04   0.503772D-03   0.393233D-05   0.638465D-03  -0.215240D-03
      0.764557D-04  -0.267798D-03   0.369553D-02
-0.734124D-02   0.106202D-02  -0.603325D-03   0.277080D-02   0.129152D-02   0.165581D-03   0.806880D-03  -0.965419D-05
     -0.316012D-04   0.120881D-03  -0.387343D-03   0.446131D-02
-0.165382D-01   0.221614D-02  -0.187710D-02   0.632438D-02   0.231397D-02  -0.458087D-03   0.169572D-02  -0.835222D-04
      0.170116D-03   0.400790D-03  -0.629843D-04   0.381467D-02   0.874235D-02
-0.146517D-02   0.694076D-03   0.601873D-03   0.104461D-02   0.618354D-03   0.590946D-03   0.382215D-03   0.265602D-03
     -0.526232D-04  -0.354499D-04   0.334343D-03   0.447145D-03   0.102487D-02   0.128091D-01
-0.251702D-02  -0.950871D-03  -0.227866D-03   0.771748D-04  -0.465062D-03  -0.550942D-03  -0.869334D-04   0.413731D-03
      0.339456D-04   0.123912D-03   0.274811D-03   0.353132D-03   0.365506D-03   0.164112D-03   0.677458D-02
-0.121099D-02   0.410735D-03   0.341717D-03   0.232232D-03   0.894937D-05  -0.889392D-03  -0.270487D-03   0.112588D-03
      0.363410D-04  -0.171993D-03   0.499041D-03   0.217032D-03   0.206530D-03   0.105578D-03   0.245123D-03   0.470382D-02
-0.231522D-02   0.594929D-03   0.528888D-04   0.234550D-03   0.214300D-03   0.484184D-03   0.440821D-03  -0.120240D-03
     -0.230827D-04   0.303264D-04   0.207235D-04   0.109309D-04   0.187023D-03   0.156231D-03  -0.121860D-02   0.181994D-03
      0.381256D-02
-0.343269D-02   0.906923D-03  -0.299028D-03  -0.240420D-03   0.429917D-03  -0.848176D-03   0.430696D-03  -0.143405D-03
      0.158490D-04   0.569241D-04   0.991078D-04  -0.221309D-04   0.985424D-04  -0.385011D-04  -0.735115D-03   0.182842D-03
      0.252854D-02   0.149261D-01
-0.673398D-01   0.154354D-01  -0.108492D-01   0.343922D-01   0.100667D-01  -0.150564D-04   0.885356D-02   0.866112D-04
     -0.794444D-04   0.123424D-02   0.208249D-02   0.610213D-02   0.141117D-01   0.642558D-04   0.112673D-02   0.344169D-03
      0.451069D-03   0.209512D-02   0.891969D-01
-0.701656D-03  -0.145931D-03   0.652864D-03  -0.514580D-03   0.106177D-04   0.261388D-03   0.277204D-04   0.512291D-04
      0.171516D-04  -0.250447D-04  -0.346903D-05  -0.753482D-04  -0.332091D-03  -0.201510D-04   0.205412D-05   0.151282D-04
      0.416887D-04  -0.415177D-04  -0.212331D-02   0.276969D-02
-0.381879D-02   0.182910D-03  -0.598801D-03   0.101582D-02   0.173795D-03   0.195620D-03  -0.275892D-03   0.169359D-03
      0.412915D-05  -0.277739D-04   0.137791D-03   0.721198D-04   0.131514D-03  -0.524603D-04  -0.303454D-03  -0.738249D-03
      0.253742D-03   0.100503D-03   0.345969D-02  -0.300207D-04   0.315103D-02
 0.716514D-06   0.236711D-06  -0.135427D-06  -0.224338D-07   0.291078D-07   0.248031D-06   0.315928D-07  -0.623291D-07
     -0.186179D-07  -0.747359D-07  -0.152488D-06  -0.211560D-06  -0.215843D-06  -0.529568D-07  -0.188275D-05   0.506913D-07
     -0.169971D-07   0.212860D-07  -0.447694D-06   0.121149D-06   0.397152D-06   0.152290D-08
 0.108184D-01  -0.289289D-02   0.195123D-02  -0.630619D-02  -0.199331D-02   0.123704D-03  -0.139572D-02   0.229817D-04
      0.295641D-04  -0.214805D-03  -0.694232D-03  -0.942680D-03  -0.184978D-02  -0.707899D-04   0.580417D-03  -0.222585D-03
     -0.729699D-03  -0.941712D-03  -0.162956D-01   0.458831D-03  -0.750571D-03  -0.270622D-06   0.590147D-02
 0.325003D-06  -0.475469D-07  -0.154810D-07   0.624099D-07  -0.406303D-07  -0.147709D-06  -0.208580D-07  -0.460426D-07
     -0.118394D-07  -0.138649D-07  -0.716599D-07  -0.658861D-07  -0.139616D-07   0.463012D-07  -0.201742D-06   0.516231D-07
     -0.129271D-06  -0.205386D-07  -0.174158D-06  -0.917944D-07  -0.608840D-07  -0.135923D-09  -0.875581D-09   0.891369D-09
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ENTIRE SAMPLE EARNINGS TOBIT
INCLUDING EARNINGS BEFORE APPLICATION

TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS 2258

DISTRIBUTION OF OBSERVATIONS BY CLASS

LOWER LIMITS	1270	(56.2 PCT.)
UPPER LIMITS	0	(0.0 PCT.)
NON LIMITS	988	(43.8 PCT.)

INDEPENDENT VARIABLE SUMMATIONS

2258.000000
337.0000000
377.0000000
366.0000000
303.0000000
206.0000000
314.0000000
1211.000000
23449.00000
7295.000000
789.0000000
1156.000000
584.0000000
132.0000000
611.0000000
539.0000000
1231.000000
115.0000000
1382.007345
200.0000000
200.0000000
212.0000000
174.0000000
123.0000000
195.0000000
237.0000000
1302.000000
935568.0000
1110.000000

ITERATION LOG

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.2701469D-01 .2947745D-01 .2076173 .2502273 .1177431 -.1437693 -.1436926 -.1306662 .2161764

-.2920742D-01 .2670292 .1313679 .3802604 .4020767D-01 .3617657 .2853607 -.1263913D-01 .1724829

.1621582 .3900539D-03 .2549342D-02 -.1705348D-02

1 -9891.477 -1.493442 .1379834 .9226254D-02 .1495438 .2663183D-01 .2857714 .1975137 .1215926

.2469068D-01 .1985493D-01 .1316027 .8405210D-01 -.4655128D-01 -.1130912 .8854776 -.1171125 .3701816

.1447901 .2380365 .1870914 .3769009 -.6304979D-01 .3102445 .2061136 .4106130D-01 .3272851

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.6699864D-01  .1556116D-03  .6193647D-01 -.1198118D-02
 2  -8633.700     -1.930544      .1661188      .3008034D-01  .2615033      .4760873D-01  .3245139      .2460832      .1613295

.3068775D-01  .2314114D-01  .1343808      .7006069D-01 -.9345547D-01 -.1386580      1.074262     -.1550307      .5102986

.2647796      .2983822      .2540022      .4488486     -.7249285D-01  .3473489      .2481516      .6218339D-01  .4180985

.5435742D-01  .1478503D-03  .8543583D-01 -.1232974D-02
 3  -6607.939     -1.965682      .1671219      .3104160D-01  .2695730      .4917798D-01  .3282069      .2484101      .1639672

.3132812D-01  .2350485D-01  .1339862      .6956530D-01 -.9756808D-01 -.1412167      1.083494     -.1601424      .5236541

.2784239      .3053476      .2608420      .4544181     -.7194149D-01  .3500044      .2524596      .6361957D-01  .4243428

.5344775D-01  .1466165D-03  .8714085D-01 -.1232546D-02
 4  -8607.828     -1.965885      .1671204      .3104246D-01  .2696153      .4918347D-01  .3282315      .2484138      .1639794

.3133215D-01  .2350711D-01  .1339800      .6956355D-01 -.9759509D-01 -.1412308      1.083543     -.1601820      .5237357

.2785122      .3053950      .2608860      .4544459     -.7193455D-01  .3500173      .2524823      .6362396D-01  .4243711

.5344304D-01  .1466082D-03  .8715031D-01 -.1232540D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.8607828329552580D+04

DEPENDENT VARIABLE=I_1R
CLASS VARIABLE=CLASSEAR

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT    -1594.99       -6.53477        244.077
FLORIDA      135.590        .987133        137.358
FRESNO       25.1858        .194568        129.444
KENTUCKY     218.748        1.44490        151.393
MAINE        39.9041        .305796        130.493
NASSAU       266.305        1.82543        145.886
PORTSMTH     201.546        1.47873        136.297
R_WHITE      133.042        2.60455        51.0805
R_YRS_ED     25.4208        3.21804        7.89947
HH_SIZE      19.0721        1.43228        13.3159
R_MARRD      108.702        2.19301        49.5676
R_25_44      56.4392        1.03373        54.5978
R_45        -79.1821       -1.02335        77.3756
INSCHOOL    -114.585       -1.24428        92.0896
C_3          879.114        13.1498        66.8535
I_8_BN      -129.961       -2.32904        55.8003
C_10_B_I     424.924        8.46541        50.1953
C_10_B_M     225.966        2.27411        99.3648
ATTSMILL     247.777        .943837        262.521
T_FLORID     211.665        1.87216        113.059
T_FRESNO     368.707        3.68939        99.9371
T_KENTUC    -58.3628       -.577309        101.095
T_MAINE      283.980        2.54430        111.614
T_NASSAU     204.847        1.43188        143.062
T_PORTSM     51.6202        .409378        126.094
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I_CR         .118948        3.74627        .317511D-01
R_MALE       70.7079        1.08966        64.8897

ESTIMATED VARIANCE =  658260.479
         ST. ERROR =  811.332533

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 -0.391773D-01   0.199169D-01   0.762919D-02   0.348189D-01
 -0.194290D-01   0.145206D-01   0.116076D-01   0.164961D-01   0.258687D-01
 -0.141825D-01   0.136042D-01   0.129068D-01   0.136286D-01   0.129471D-01   0.323317D-01
 -0.135635D-01   0.129980D-01   0.138368D-01   0.124256D-01   0.125561D-01   0.133912D-01   0.282212D-01
 -0.180399D-02   0.288814D-03   0.895445D-03  -0.152752D-02  -0.159499D-02   0.490031D-03   0.969637D-03   0.396381D-02

 -0.103825D-02  -0.136048D-04   0.137892D-03   0.133360D-03   0.884074D-04  -0.487603D-04   0.107141D-03  -0.915554D-04
       0.947978D-04
 -0.199153D-02   0.222579D-03  -0.256366D-03   0.424121D-03   0.178531D-03  -0.240134D-04  -0.153473D-03   0.114465D-03
       0.155065D-04   0.269365D-03
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       0.737123D-04  -0.258687D-03   0.373249D-02
 -0.790490D-02   0.164684D-02  -0.885819D-03   0.305179D-02   0.119615D-02   0.280819D-03   0.321399D-03   0.351418D-05
      -0.370848D-04   0.135439D-03  -0.347992D-03   0.452848D-02
 -0.175485D-01   0.284130D-02  -0.291432D-02   0.624953D-02   0.186739D-02  -0.592459D-03  -0.866815D-04  -0.462985D-04
       0.158729D-03   0.440254D-03   0.327145D-04   0.394938D-02   0.909516D-02
 -0.153697D-02   0.616246D-03   0.620503D-03   0.116973D-02   0.413331D-03   0.693878D-03   0.982773D-04   0.267617D-03
      -0.540669D-04  -0.338962D-04   0.347609D-03   0.459022D-03   0.105411D-02   0.128832D-01
 -0.274250D-02  -0.760841D-03  -0.155103D-03   0.208084D-03  -0.161516D-03  -0.323119D-03  -0.622173D-04   0.418307D-03
       0.335767D-04   0.127857D-03   0.273408D-03   0.361252D-03   0.383960D-03   0.159400D-03   0.678971D-02
 -0.134226D-02   0.595250D-03   0.745700D-03   0.593199D-03   0.285764D-03  -0.749955D-03  -0.869889D-04   0.117649D-03
       0.360780D-04  -0.176284D-03   0.487608D-03   0.216720D-03   0.183845D-03   0.112660D-03   0.247022D-03   0.473015D-02
 -0.223949D-02   0.573655D-03   0.139338D-03   0.189867D-03   0.173587D-03   0.184934D-03   0.356861D-03  -0.121754D-03
      -0.232249D-04   0.286546D-04   0.192358D-04   0.113314D-04   0.185145D-03   0.154287D-03  -0.122420D-02   0.187852D-03
       0.382762D-02
 -0.351720D-02   0.825173D-03  -0.487430D-03  -0.491106D-03   0.190193D-05  -0.113760D-02  -0.125717D-03  -0.126194D-03
       0.123983D-04   0.636463D-04   0.122185D-03   0.992780D-05   0.181991D-03  -0.286635D-04  -0.742372D-03   0.195195D-03
       0.254117D-02   0.149992D-01
 -0.749006D-01   0.201274D-01  -0.174844D-01   0.341778D-01   0.752957D-02   0.176518D-02  -0.202366D-02   0.346280D-03
      -0.154496D-03   0.150849D-02   0.268585D-02   0.697021D-02   0.163744D-01   0.259284D-03   0.126548D-02   0.155885D-03
       0.386945D-03   0.262140D-02   0.104696D+00
  0.722446D-02  -0.133746D-01   0.206341D-02  -0.352427D-02  -0.815942D-03  -0.114183D-03   0.438986D-03  -0.908131D-05
       0.918085D-04  -0.184585D-03  -0.412630D-03  -0.891331D-03  -0.176415D-02   0.564549D-04  -0.809722D-04   0.947537D-04
       0.102871D-04  -0.247616D-03  -0.115154D-01   0.194185D-01
  0.109277D-04  -0.110288D-03  -0.858900D-02  -0.125251D-03   0.422578D-04   0.152346D-03   0.115301D-03  -0.127484D-03
       0.151735D-04   0.262681D-04   0.216364D-03   0.108020D-03  -0.151399D-03  -0.202314D-03   0.516343D-04  -0.183761D-03
      -0.155023D-03  -0.363315D-03  -0.460169D-03   0.101185D-03   0.151724D-01
 -0.143574D-02   0.229997D-03  -0.262654D-03  -0.837034D-02   0.172239D-04   0.548303D-04  -0.109796D-04   0.137389D-03
       0.208579D-04   0.662699D-04   0.359795D-05  -0.135474D-03   0.115546D-03  -0.217546D-03   0.703274D-04  -0.271026D-03
       0.230193D-04   0.205041D-03   0.151806D-02  -0.140292D-03   0.270861D-05   0.155260D-01
  0.111285D-02  -0.191838D-03   0.163877D-03  -0.529409D-03  -0.114744D-01   0.103837D-03   0.126468D-03   0.132176D-05
      -0.175034D-04  -0.797836D-04   0.229619D-03   0.124263D-03  -0.264321D-03   0.247554D-03  -0.285192D-03  -0.423993D-04
       0.473376D-04   0.259394D-03  -0.141162D-02   0.161594D-03   0.918980D-04  -0.417280D-04   0.189253D-01
  0.714732D-02  -0.203944D-02   0.187992D-02  -0.345269D-02  -0.686846D-03  -0.187442D-01   0.356879D-03  -0.108399D-03
       0.397477D-04  -0.191721D-03  -0.197581D-03  -0.369541D-03  -0.115234D-02  -0.291592D-03  -0.176104D-03   0.207111D-03
       0.472007D-03  -0.692971D-04  -0.109854D-01   0.122744D-02   0.427077D-04  -0.191693D-03   0.170398D-03   0.310921D-01
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      0.241542D-01
-0.831475D-02   0.116852D-01   0.144812D-01   0.107969D-01   0.125641D-01   0.130301D-01   0.132357D-01   0.200002D-04
      0.245719D-04  -0.107191D-03  -0.465336D-03  -0.176800D-03  -0.126353D-02  -0.109195D-03   0.166794D-03   0.393777D-03
     -0.547286D-05  -0.471502D-03  -0.754449D-02   0.897957D-03   0.881769D-04  -0.129521D-03   0.125349D-03   0.822247D-03
     -0.852324D-03   0.192261D-01
-0.422163D-02   0.505927D-03  -0.699117D-03   0.105660D-02   0.168317D-03   0.475790D-03  -0.578218D-03   0.181082D-03
      0.694899D-06  -0.168667D-04   0.155276D-03   0.104028D-03   0.214596D-03  -0.443103D-04  -0.298074D-03  -0.744943D-03
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 0.818116D-06   0.150990D-06  -0.199581D-06   0.355377D-08  -0.286403D-07   0.328304D-06   0.171735D-06  -0.688048D-07
     -0.179199D-07  -0.777076D-07  -0.155654D-06  -0.220411D-06  -0.242460D-06  -0.548649D-07  -0.188769D-05   0.486594D-07
     -0.211141D-07   0.146458D-07  -0.596856D-06   0.240511D-06   0.283392D-06   0.695356D-08   0.213524D-06   0.158625D-07
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 0.121549D-01  -0.379221D-02   0.313986D-02  -0.623324D-02  -0.150775D-02  -0.115193D-03   0.520860D-03  -0.212783D-04
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     -0.721470D-03  -0.104160D-02  -0.190549D-01   0.223953D-02   0.152785D-03  -0.237203D-03   0.282803D-03   0.191848D-02
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     -0.193607D-07  -0.140582D-06  -0.588957D-07  -0.138975D-09  -0.835987D-08   0.897317D-09
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  1681

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS      991   ( 59.0 PCT.)
    UPPER LIMITS        0   (  0.0 PCT.)
      NON LIMITS      690   ( 41.0 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        1681.000000
        301.0000000
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        305.0000000
        181.0000000
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        206.0000000
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        462.0000000
        100.0000000
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        1283.073943
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        769.0000000


ITERATION LOG
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 .6828109D-01 -.9517210D-02  .2053454     .1820869     .8612214D-01 -.4758466     -.5083395     -.1177721     .1949816

-.2430678     -.2581047     .2733934     -.1484671     .4406634D-03  .3974513     -.1652462D-02
  1  -7460.278     -1.116198     -.1446802     -.2078019     -.4181310     -.2434208     .3529802D-01 -.2546030     .1695864

 .4816023D-01  .1917331D-01  .7666910D-01  .9187191D-01 -.4701283D-01 -.2521906     .3342786     -.9274272D-01  .4209189

 .1738948     -.8956359D-01  .1911700     -.5669091D-01  .1404240D-03  .1384819     -.9235672D-03
  2  -6252.337     -1.568202     -.1162165     -.2055383     -.4137140     -.2816013     .5170764D-01 -.3279369     .2213031

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 .3385606     -.7848553D-01  .2330218     -.6508125D-01  .1420939D-03  .1388770     -.1008060D-02
  3  -6227.302     -1.603125     -.1150082     -.2063609     -.4147511     -.2852368     .5465973D-01 -.3395468     .2250314

 .6048230D-01  .3238540D-01  .6478363D-01  .9905450D-01 -.9876368D-01 -.2934459     .4846101     -.1169570     .6152955
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 4  -6227.198     -1.603329     -.1149988     -.2063639     -.4147521     -.2852555     .5468394D-01 -.3396514     .2250439

.6049920D-01  .3239172D-01  .6476943D-01  .9905822D-01 -.9879391D-01 -.2934928     .4846483     -.1169775     .6153865

.3542709     -.7824106D-01  .2371161     -.6649426D-01  .1416469D-03  .1407896     -.1012431D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.6227198185950518D+04

DEPENDENT VARIABLE=I_1R
CLASS VARIABLE=CLASSEAR

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT    -1583.64       -5.10341        310.311
FLORIDA     -113.537       -.940554        120.766
FRESNO      -203.830       -1.93370        105.409
KENTUCKY    -409.660       -2.71553        150.858
MAINE       -281.753       -2.21244        127.349
NASSAU       54.0125        .437204        123.541
PORTSMTH    -335.481       -2.70604        123.975
R_WHITE      222.236        3.06672        72.4832
R_YRS_ED     59.7465        5.35294        11.1614
HH_SIZE      31.9940        1.71903        18.6117
R_MARRD      63.9742        .927572        68.9695
R_25_44      97.8420        1.22153        80.0981
R_45        -97.5809       -.886404        110.086
INSCHOOL    -239.889       -2.19905        131.825
C_3          478.693        5.01827        95.3909
I_8_BN      -115.541       -1.45231        79.5569
C_10_B_I     607.831        8.54488        71.1339
C_10_B_M     349.921        2.50253        139.827
ATTEMILL    -77.2804       -.319217        242.093
TREATMEN     234.205        3.85821        60.7030
I_4_BN      -65.6778       -1.01550        64.6756
I_2P         .139902        3.15865        .442934D-01
R_MALE       139.061        1.63789        84.9028

ESTIMATED VARIANCE =  975594.129
         ST. ERROR =  987.721686

NEGATIVE INVERSE OF SECOND DERIVATIVES
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 -0.21[illegible]D-02   0.400222D-02   0.113891D-01
 -0.32[illegible]D-01   0.126341D-01   0.304494D-02   0.233275D-01
 -0.17[illegible]D-01   0.863[illegible]D-02   0.365285D-02   0.117211D-01   0.166236D-01
 -0.5[illegible]D-02   0.555500D-02   0.492535D-02   0.550482D-02   0.515077D-02   0.156441D-01
 -0.10723[illegible]D-01   0.665515D-02   0.507269D-02   0.647151D-02   0.532361D-02   0.562807D-02   0.157543D-01
 -0.217[illegible]D-02   0.314145D-03   0.864670D-03  -0.218179D-02  -0.234431D-02   0.269116D-03   0.155555D-02   0.538524D-02

 -0.146[illegible]D-02   0.161409D-04   0.128883D-03   0.195868D-03   0.538083D-04  -0.744812D-04   0.327253D-04  -0.153474D-03
       0.12[illegible]D-03
 -0.25[illegible]D-02   0.257893D-03  -0.765892D-04   0.446361D-03   0.267275D-03  -0.833460D-04  -0.596187D-04   0.184192D-03
       0.[illegible]D-04   0.355061D-03
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     0.107938D-03  -0.339322D-03   0.487579D-02
-0.103999D-01   0.179092D-02  -0.298473D-03   0.330770D-02   0.220683D-02   0.185435D-03   0.554606D-03  -0.736051D-04
    -0.173201D-04   0.133510D-03  -0.562000D-03   0.657620D-02
-0.224542D-01   0.381609D-02  -0.127759D-02   0.728732D-02   0.389695D-02  -0.624646D-03   0.109985D-02  -0.232621D-03
     0.257797D-03   0.549374D-03  -0.160327D-03   0.583515D-02   0.124221D-01
-0.219552D-02   0.922294D-03   0.954461D-03   0.168647D-02   0.115541D-02   0.319599D-03   0.484389D-03   0.259947D-03
    -0.900533D-04  -0.339126D-04   0.519947D-03   0.109191D-02   0.170869D-02   0.178125D-01
-0.229343D-02  -0.131199D-02   0.558528D-04  -0.604663D-04  -0.614683D-03  -0.751362D-03   0.125630D-04   0.720207D-03
     0.305754D-04   0.114855D-03   0.377234D-03   0.325565D-03   0.159603D-03   0.665692D-03   0.932707D-02
-0.177508D-02   0.418650D-03   0.464217D-03   0.216903D-03   0.466521D-05  -0.134635D-02  -0.767076D-03   0.254927D-03
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     0.510662D-02
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     0.344510D-02   0.200406D-01
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    -0.125222D-03   0.123140D-02   0.136199D-02   0.619921D-02   0.138321D-01   0.594496D-03   0.417566D-03   0.341861D-03
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     0.518098D-04  -0.553081D-04  -0.662423D-04  -0.275048D-03  -0.633530D-03  -0.187419D-03  -0.100012D-03   0.187046D-04
     0.119183D-04  -0.168316D-03  -0.258564D-02   0.377704D-02
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     0.359388D-03   0.164565D-03   0.372981D-02  -0.154462D-03   0.428757D-02
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    -0.133545D-07  -0.941963D-07  -0.219299D-06  -0.296018D-06  -0.278824D-06  -0.155961D-06  -0.260526D-05   0.508247D-07
     0.387051D-07  -0.473629D-07  -0.479480D-06   0.180380D-06   0.535043D-06   0.201099D-08
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     0.534124D-04  -0.316161D-03  -0.836558D-03  -0.119452D-02  -0.228980D-02  -0.485155D-03   0.911789D-03  -0.259417D-03
    -0.980458D-03  -0.130597D-02  -0.142320D-01   0.834676D-03  -0.105839D-02  -0.337798D-06   0.738881D-02
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    -0.166481D-06  -0.115717D-07   0.548608D-07  -0.103306D-06   0.470889D-07  -0.141013D-09  -0.976327D-07   0.903616D-09
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  1681

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS      991   ( 59.0 PCT.)
    UPPER LIMITS        0   (  0.0 PCT.)
      NON LIMITS      690   ( 41.0 PCT.)


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        305.0000000
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        868.0000000
        462.0000000
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        899.0000000
        85.00000000
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        701959.0000
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ITERATION LOG
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.3333765     -.2087904      .2515100      .4466766      .1968190      .1378811D-01  .1636651     -.5932451D-01  .4810108

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 4  -6223.000     -1.659094      .9272113D-02 -.1427491     -.2736627     -.7944585D-02  .2675200     -.1175028D-01  .2229467

.6163702D-01  .3024448D-01  .5529908D-01  .9503980D-01 -.1281122     -.2991990      .4873169     -.1074417      .6128504

.3334741     -.2087868      .2515311      .4467148      .1968369      .1379786D-01  .1636550     -.5939278D-01  .4810548

-.7270193D-01  .1497800D-03  .1735032     -.1015944D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.6223000193233828D+04

DEPENDENT VARIABLE=I_1R
CLASS VARIABLE=CLASSVAR

VARIABLE    ESTIMATE    T-STATISTIC      SE

CONSTANT   -1633.06       -4.93922        330.630
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KENTUCKY   -269.368       -1.32342        203.540
MAINE      -7.81991       -.404976D-01    193.096
NASSAU      263.322        1.27761        206.104
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R_YRS_ED    60.6697        5.43464        11.1635
HH_SIZE     29.7698        1.59759        18.6342
R_MARRD     54.4313        .788102        69.0663
R_25_44     93.5483        1.16556        80.2603
R_45       -126.102       -1.13783        110.827
INSCHOOL   -294.504       -2.23787        131.600
C_3         479.669        5.03413        95.2834
I_8_BN     -105.736       -1.32817        79.6250
C_10_B_I    603.233        8.49323        70.9834
C_10_B_M    328.241        2.35025        139.662
ATTKMILL   -205.510       -.810011        253.713
T_FLORID    247.584        1.75936        140.724
T_FRESNO    439.704        3.06761        143.338
T_KENTUC    193.748        1.39583        133.804
T_MAINE     13.5013        .779493D-01    174.233
T_NASSAU    161.007        .794148        202.842
T_PORTSM   -58.4607       -.305965        191.070
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R_MALE       170.700        1.97281        86.5669

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         ST. ERROR =  984.306689

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 -0.457990D-01   0.262046D-01   0.149789D-01   0.427600D-01
 -0.270511D-01   0.200065D-01   0.160474D-01   0.223890D-01   0.384843D-01
 -0.204000D-01   0.183763D-01   0.166353D-01   0.183906D-01   0.172463D-01   0.438443D-01
 -0.169527D-01   0.166304D-01   0.177587D-01   0.159553D-01   0.161115D-01   0.175280D-01   0.389580D-01
 -0.227961D-02   0.387702D-03   0.857271D-03  -0.224036D-02  -0.236470D-02   0.543458D-03   0.140626D-02   0.539938D-02

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      0.120630D-03
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      0.244462D-04   0.358394D-03
 -0.217035D-02   0.247001D-04  -0.122060D-02  -0.535031D-03   0.215020D-03  -0.269869D-04  -0.174133D-03  -0.338296D-03
      0.193359D-03  -0.329379D-03   0.492347D-02
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     -0.243835D-04   0.142938D-03  -0.539728D-03   0.664877D-02
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      0.244881D-03   0.571629D-03  -0.871092D-04   0.593963D-02   0.126774D-01
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     -0.945364D-04  -0.324839D-04   0.531890D-03   0.109437D-02   0.172358D-02   0.178752D-01
 -0.274805D-02  -0.805630D-03   0.562088D-03   0.984852D-04  -0.241975D-03   0.311838D-04   0.400114D-03   0.736295D-03
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      0.402910D-04  -0.243602D-03   0.647149D-03   0.456322D-03   0.306758D-03   0.192503D-03   0.487596D-03   0.654391D-02
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     -0.978855D-05   0.664932D-04  -0.130797D-04   0.267595D-04   0.271223D-03  -0.253118D-03  -0.193055D-02   0.358692D-03
      0.500059D-02
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     -0.155215D-04  -0.221848D-03  -0.871143D-02   0.204398D-01
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      0.370331D-04  -0.264950D-04   0.227857D-03  -0.246671D-03  -0.108131D-02  -0.416140D-03  -0.365633D-03  -0.652999D-04
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      0.809135D-04  -0.640792D-03  -0.271775D-02   0.406405D-03   0.220467D-03   0.198859D-01
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     -0.965049D-05   0.281708D-04   0.356408D-03   0.257940D-03   0.390233D-03   0.139449D-03  -0.118105D-03  -0.294376D-03
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      0.820021D-04  -0.194533D-03  -0.475042D-03  -0.321039D-03  -0.821907D-03  -0.441707D-03  -0.770043D-03   0.711764D-03
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     -0.615321D-04   0.131868D-03   0.586094D-03   0.494651D-03   0.157988D-02   0.276406D-03  -0.155203D-03  -0.181412D-03
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS   769

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS      421   ( 54.7 PCT.)
    UPPER LIMITS        0   (  0.0 PCT.)
      NON LIMITS      348   ( 45.3 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
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        137.0000000
        54.00000000
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        103.0000000
        507.0000000
        47.00000000
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        [illegible]
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ITERATION LOG
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-.4333850D-01 -.4674431     .3249784     -.1750957     .3936143D-03 -.1435146D-02
  1  -3724.378     -1.073268     -.1040794     -.2253505     -.3765070     -.1144757     .7396199D-01 -.2560816     .2241154

 .3373071D-01  .4099018D-01  .2478800     .8813000D-01 -.1998655     -.1720638     .1216590     -.1542301     .3954133

 .1691257     .3354522D-02  .1948220     -.3939276D-01  .1170071D-03 -.8013179D-03
  2  -3134.767     -1.576271     -.1121987D-01 -.2079982     -.3039164     -.5296002D-01  .1282977     -.2791330     .2773548

 .3000452D-01  .6074983D-01  .2915059     .8959778D-01 -.3030417     -.1771915     .2065842     -.2015048     .5550919

 .3000037     .6904237D-01  .2274896     -.3308320D-01  .1183166D-03 -.8760251D-03
  3  -3175.494     -1.603368     -.8050740D-02 -.2085904     -.3028913     -.5095729D-01  .1322605     -.2869195     .2805036

 .3353354D-01  .6190091D-01  .2935045     .9002559D-01 -.3122034     -.1784259     .2088563     -.2047957     .5681400

 .3142509     .9357417D-01  .2300273     -.3328026D-01  .1185572D-03 -.8801279D-03
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 4  -3175.467     -1.603465     -.8042269D-02 -.2085926     -.3028905     -.5095336D-01  .1322803     -.2869718      .2805146

 .3[illegible]D-01  .6190485D-01  .2935097      .9002761D-01 -.3122467     -.1784329      .2088626     -.2048072      .5681957

 .3149[illegible]      .9358770D-01  .2300364     -.3328198D-01  .1185574D-03 -.8801377D-03


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.3175466911509837D+04

DEPENDENT VARIABLE=I_1R
CLASS VARIABLE=CLASSEAR

VARIABLE    ESTIMATE    T-STATISTIC      SE

CONSTANT   -1921.83       -3.19357        570.470
FLORIDA    -9.13751       -.448770D-01    203.612
FRESNO     -237.000       -1.32411        178.988
KENTUCKY   -344.140       -1.37146        250.929
MAINE      -57.8925       -.275984        209.767
NASSAU      150.295        .692371        217.073
PORTSMTH   -326.053       -1.45944        223.410
R_WHITE     318.717        2.58390        123.347
R_TRS_ED    43.8391        2.38561        18.3765
HH_SIZE     70.3354        2.36360        29.7578
R_MARRD     333.482        2.95195        112.970
R_25_44     102.208        .834631        122.555
R_45       -354.770       -1.84187        192.614
INSCHOOL   -202.733       -1.02777        197.256
C_3         237.307        1.45726        162.845
I_8_EN     -232.699       -1.74279        133.521
C_10_B_I    645.576        5.08315        127.003
C_10_B_M    357.795        1.55461        230.150
ATTEMILL    105.333        .283158        375.525
TREATMEN    261.364        2.63948        99.0209
I_4_EN     -37.8145       -.347632        108.777
I_2R        .134703        2.18263        .617160D-01

ESTIMATED VARIANCE =  1290918.28
         ST. ERROR =  1136.18585

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.2[illegible]D+00
 -0.5[illegible]D-01   0.321152D-01
 -0.2[illegible]D-02   0.837727D-02   0.248169D-01
 -0.7[illegible]D-01   0.281672D-01   0.702131D-02   0.487757D-01
 -0.4[illegible]D-01   0.190633D-01   0.786666D-02   0.255792D-01   0.340860D-01
 -0.10[illegible]D-01   0.114205D-01   0.112403D-01   0.107277D-01   0.101366D-01   0.365016D-01
 -0.17768[illegible]D-01   0.124275D-01   0.117652D-01   0.123326D-01   0.109089D-01   0.115904D-01   0.386639D-01
 -0.3[illegible]D-02  -0.447962D-03   0.186480D-02  -0.567645D-02  -0.567849D-02   0.175223D-02   0.209589D-02   0.117858D-01

 -0.305[illegible]D-02   0.182984D-03   0.343421D-03   0.570971D-03   0.218549D-03  -0.270998D-03   0.112162D-03  -0.346052D-03
       0.261593D-03
 -0.53[illegible]D-02   0.543976D-03  -0.361422D-03   0.830848D-03   0.537910D-03  -0.183120D-03  -0.104200D-03   0.393252D-03
       0.472730D-04   0.685967D-03
 -0.5[illegible]D-02  -0.254171D-03  -0.223570D-02  -0.362118D-03   0.155094D-02  -0.136028D-02  -0.342464D-03  -0.625309D-03
       0.1[illegible]D-03  -0.585204D-03   0.988614D-02
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-0.179943D-01   0.357358D-02  -0.661705D-03   0.562107D-02   0.317035D-02   0.120533D-02   0.132282D-02  -0.568825D-05
    -0.155034D-03   0.244692D-03  -0.148521D-02   0.116349D-01
-0.480911D-01   0.831074D-02  -0.308971D-02   0.148600D-01   0.701302D-02  -0.322995D-02   0.173832D-02  -0.105423D-02
     0.601063D-03   0.998876D-03  -0.559143D-03   0.975180D-02   0.287394D-01
-0.157911D-02   0.388705D-03   0.109093D-02   0.258306D-02   0.116288D-02  -0.679813D-03   0.595217D-03  -0.757127D-03
    -0.216183D-03  -0.274409D-03   0.114668D-02   0.165249D-02   0.255598D-02   0.301413D-01
-0.490507D-02  -0.200182D-02  -0.281956D-03  -0.310843D-03  -0.147880D-02  -0.157539D-03   0.568828D-03   0.126483D-02
     0.496633D-04   0.186763D-03  -0.337110D-03   0.995682D-03   0.160695D-02   0.628864D-03   0.205423D-01
-0.441118D-02   0.135477D-02   0.115385D-02   0.700478D-03   0.255343D-03  -0.240540D-02   0.105454D-03  -0.246154D-03
     0.125340D-03  -0.487192D-03   0.134598D-02   0.801976D-03   0.175202D-02  -0.321705D-03   0.961387D-03   0.138103D-01
-0.112461D-01   0.202953D-02   0.637133D-03   0.635848D-03   0.398516D-03   0.896183D-03   0.913345D-04  -0.516795D-03
     0.160250D-04   0.122705D-04  -0.100565D-02   0.207153D-03   0.100259D-02   0.223248D-03  -0.264068D-02   0.135092D-02
     0.124948D-01
-0.163718D-01   0.326102D-02  -0.593362D-04  -0.885547D-03   0.185919D-02  -0.810182D-03   0.577841D-03   0.101422D-03
     0.187753D-03   0.237276D-03  -0.102573D-02  -0.825594D-04   0.715914D-03  -0.207298D-02  -0.529604D-03   0.106642D-02
     0.956902D-02   0.410322D-01
-0.130233D+00   0.332266D-01  -0.108350D-01   0.505751D-01   0.242836D-01   0.842461D-03   0.274831D-02   0.111333D-02
    -0.756527D-04   0.237898D-02   0.443806D-02   0.940142D-02   0.256375D-01  -0.657977D-04   0.100312D-02   0.593648D-03
     0.152675D-02   0.502603D-02   0.109239D+00
-0.816623D-04  -0.925470D-03   0.139110D-02  -0.107725D-02  -0.532754D-03   0.280383D-03   0.954544D-03  -0.308167D-03
     0.870734D-04  -0.134857D-03  -0.311264D-03  -0.302502D-03  -0.128943D-02   0.126692D-03   0.649482D-04  -0.290584D-03
     0.257956D-04  -0.247843D-03  -0.457947D-02   0.759547D-02
-0.128072D-01   0.122898D-02  -0.123768D-02   0.240386D-02  -0.125013D-03   0.100750D-02  -0.110229D-02   0.591284D-03
    -0.248928D-05  -0.567986D-04  -0.124189D-04   0.233526D-03   0.730584D-03   0.487961D-03  -0.477813D-03  -0.266439D-02
     0.936060D-03  -0.108016D-03   0.705047D-02   0.701107D-04   0.916596D-02
 0.144259D-05   0.315535D-06  -0.768965D-06  -0.132650D-06  -0.206913D-06   0.466351D-06   0.120141D-06  -0.271289D-06
    -0.116453D-07  -0.154177D-06  -0.495175D-06  -0.543419D-06  -0.580844D-06  -0.197606D-06  -0.472041D-05   0.531988D-07
    -0.487762D-08  -0.386886D-06  -0.990240D-06   0.441653D-06   0.104125D-05   0.295051D-08
-0.432360D-07   0.283941D-06   0.268056D-06   0.652613D-06   0.255507D-06  -0.186457D-07   0.249678D-06  -0.222927D-06
    -0.411744D-07  -0.251093D-07  -0.214193D-06  -0.127991D-06   0.117155D-06   0.195097D-06   0.107076D-06   0.120945D-06
    -0.295493D-06  -0.921450D-07   0.168042D-06  -0.194063D-06   0.879507D-07  -0.183587D-09   0.134996D-09
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS   912

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS      570   ( 62.5 PCT.)
    UPPER LIMITS        0   (  0.0 PCT.)
      NON LIMITS      342   ( 37.5 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        912.0000000
        166.0000000
        144.0000000
        149.0000000
        91.00000000
        82.00000000
        140.0000000
        475.0000000
        9294.000000
        2977.000000
        295.0000000
        423.0000000
        325.0000000
        46.00000000
        239.3846154
        221.0000000
        392.0000000
        38.00000000
        591.4393683
        500.0000000
        549.0000000
        265712.0000


ITERATION LOG
  0  -.1000000D+48  .6334299     -.3061017     -.4069443     -.5186109     -.1927908      .1843942     -.2494221      .1162038

 .7529701D-01 -.1236688D-01  .1506979      .6639005D-01  .1064781D-01 -.5824160     -.5117485     -.1482780      .1216591

-.5036400     -.1211900      .1809485     -.1525020      .6106930D-03 -.2045340D-02
  1  -3781.753     -.9774788     -.2200535     -.2706888     -.4055380     -.3867847     -.4718524D-01 -.3500687      .1236793

 .5819237D-01 -.1008151D-02 -.7860004D-01  .9253266D-01  .1835762D-01 -.3751199      .4002806     -.7350368D-01  .3367755

 .3452329D-01  .4841690D-02  .1560115     -.8696777D-01  .2807122D-03 -.1192602D-02
  2  -3030.629     -1.407986     -.2514329     -.2983428     -.4825868     -.5208840     -.8279532D-01 -.4756647      .1585729

 .7583333D-01  .2568288D-03 -.1604309      .1184566      .3254273D-02 -.4691284      .5853583     -.7836960D-01  .5072511

 .1949618     -.5632731D-02  .2089905     -.1274005      .2769404D-03 -.1279116D-02
  3  -3010.550     -1.453888     -.2526415     -.2997504     -.4893399     -.5339442     -.8148288D-01 -.4894416      .1615525

 .7879247D-01  .2739620D-03 -.1704963      .1196986     -.2177763D-02 -.4893417      .5987704     -.7999512D-01  .5280921

 .2134175     -.1492329D-01  .2176125     -.1350234      .2733788D-03 -.1281258D-02
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 4  -3010.388     -1.454450     -.2526377     -.2997512     -.4893937     -.5340862     -.8143727D-01 -.4895911      .1615812

 .7883908D-01  .2724182D-03 -.1706209      .1196987     -.2263195D-02 -.4896759      .5989271     -.8001358D-01  .5283388

 .2138332     -.1510106D-01  .2177349     -.1351302      .2733136D-03 -.1281240D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.3010388105876587D+04

DEPENDENT VARIABLE=I_1R
CLASS VARIABLE=CLASSEAR

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT    -1135.19       -3.07209        369.517
FLORIDA     -197.182       -1.45316        135.692
FRESNO      -233.954       -2.02202        115.703
KENTUCKY    -381.969       -2.23654        170.786
MAINE       -416.851       -2.86998        145.245
NASSAU      -63.5613       -.477002        133.252
PORTSMTH    -382.123       -2.87525        132.901
R_WHITE      126.113        1.56770        80.4445
R_HS_ED      61.5334        4.83588        12.7243
HH_SIZE      .210621        .975058D-02    21.8060
R_MARRD     -133.169       -1.63965        81.2176
R_25_44      93.4242        .939420        99.4487
R_45        -1.76641       -.139026D-01    127.056
INSCHOOL    -382.189       -2.26233        168.936
C_3          467.459        4.27365        109.382
I_8_EN      -62.4501       -.699934        89.2229
C_10_B_I     412.365        5.36692        76.8346
C_10_B_M     166.896        1.03975        160.515
ATT6MILL    -11.7863       -.387224D-01    304.379
TREATMEN     169.941        2.46666        68.8952
I_4_EN      -105.468       -1.46737        71.8758
I_2R         .213320        2.97675        .716618D-01

ESTIMATED VARIANCE =  609171.123
          ST. ERROR =  780.494153

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.224145D+00
 -0.423403D-01   0.302251D-01
 -0.427507D-02   0.746281D-02   0.219761D-01
 -0.717934D-01   0.249364D-01   0.531667D-02   0.478812D-01
 -0.421827D-01   0.172054D-01   0.700093D-02   0.234622D-01   0.346309D-01
 -0.127152D-01   0.112338D-01   0.922860D-02   0.109501D-01   0.104396D-01   0.291479D-01
 -0.251603D-01   0.147134D-01   0.931585D-02   0.137725D-01   0.108381D-01   0.116122D-01   0.289944D-01
 -0.398749D-02   0.143336D-02   0.177454D-02  -0.364499D-02  -0.418665D-02  -0.710007D-04   0.364902D-02   0.106232D-01

 -0.297460D-02  -0.897396D-04   0.197776D-03   0.269004D-03   0.433107D-04  -0.770960D-04   0.224443D-04  -0.303656D-03
      0.265786D-03
 -0.568593D-02   0.552881D-03   0.715044D-04   0.104797D-02   0.625646D-03  -0.112431D-03  -0.132313D-03   0.361285D-03
      0.539494D-04   0.780568D-03
 -0.470003D-02   0.490954D-03  -0.230512D-03  -0.940268D-03   0.177416D-02   0.152135D-02   0.234885D-02  -0.776818D-03
      0.244918D-03  -0.763013D-03   0.108283D-01
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-0.235715D-01   0.427938D-02  -0.693487D-03   0.870189D-02   0.666976D-02  -0.239238D-03   0.128966D-02  -0.549067D-03
     0.109264D-03   0.316180D-03  -0.835996D-03   0.162353D-01
-0.539405D-01   0.870091D-02  -0.238112D-02   0.167604D-01   0.102321D-01  -0.306465D-03   0.320793D-02  -0.672638D-03
     0.565453D-03   0.124037D-02  -0.279509D-03   0.152379D-01   0.265003D-01
-0.986483D-02   0.406296D-02   0.311915D-02   0.474781D-02   0.411347D-02   0.149340D-02   0.163387D-02   0.222341D-02
    -0.164333D-03   0.257682D-03   0.872065D-03   0.303099D-02   0.495137D-02   0.468495D-01
-0.329541D-02  -0.315640D-02   0.463917D-03  -0.134813D-04  -0.145219D-02  -0.251974D-02  -0.626452D-03   0.182982D-02
     0.114164D-03   0.280032D-03   0.623951D-03   0.309918D-03  -0.391706D-03   0.219900D-02   0.196404D-01
-0.317620D-02   0.321995D-03   0.861447D-03   0.257728D-03  -0.937477D-04  -0.342825D-02  -0.261853D-02   0.119633D-02
     0.535963D-04  -0.474468D-03   0.117906D-02   0.102453D-02   0.664805D-04   0.164287D-02   0.144931D-02   0.130681D-01
-0.440277D-02   0.133478D-02   0.144279D-03  -0.472560D-03  -0.569175D-03   0.202875D-02   0.109023D-02   0.275758D-03
    -0.193270D-04   0.187585D-03   0.547933D-03  -0.356276D-03   0.697769D-04  -0.159304D-02  -0.422036D-02   0.199016D-03
     0.859114D-02
-0.699476D-02   0.278940D-02  -0.622032D-03  -0.944914D-03   0.109870D-02  -0.338199D-02   0.680131D-03  -0.739300D-03
    -0.542397D-04   0.183105D-03   0.998747D-03   0.437614D-03   0.554980D-03   0.713043D-03  -0.323951D-02   0.266696D-03
     0.544181D-02   0.422954D-01
-0.146737D+00   0.393329D-01  -0.105970D-01   0.599782D-01   0.312273D-01   0.369577D-02   0.133839D-01   0.360530D-03
    -0.411469D-03   0.280724D-02   0.523263D-03   0.189509D-01   0.359461D-01   0.311897D-02   0.518499D-04   0.527849D-04
    -0.127147D-02   0.339639D-02   0.152087D+00
 0.222200D-03  -0.806357D-03   0.149561D-02  -0.194021D-02  -0.662763D-03   0.720909D-03   0.156501D-03  -0.165100D-03
     0.127466D-03  -0.937059D-04  -0.758786D-04  -0.100674D-02  -0.167404D-02  -0.947286D-03  -0.176575D-03   0.325291D-03
     0.123264D-03  -0.474283D-03  -0.678436D-02   0.779181D-02
-0.108911D-01   0.746361D-03  -0.120058D-02   0.252180D-02   0.184906D-02   0.877310D-03  -0.813679D-03   0.146431D-03
    -0.192369D-04   0.783042D-05   0.807999D-03   0.152332D-03   0.367624D-03  -0.988476D-03  -0.143136D-02  -0.128600D-02
     0.595762D-03   0.853237D-03   0.856212D-02  -0.675774D-03   0.848053D-02
 0.179355D-05   0.569213D-06  -0.580254D-06   0.459129D-07   0.320319D-06   0.798202D-06   0.424627D-06  -0.726534D-06
    -0.762941D-07  -0.268900D-06   0.456152D-06  -0.390650D-06  -0.329239D-06  -0.205057D-06  -0.791366D-05   0.498790D-07
    -0.231072D-06   0.166367D-06  -0.831751D-06  -0.388211D-07   0.128674D-05   0.843018D-08
 0.173475D-05   0.328655D-06   0.448780D-06   0.550326D-06   0.467272D-06  -0.325799D-07   0.502610D-06  -0.161684D-06
    -0.231549D-07  -0.291551D-08   0.867389D-07  -0.135290D-06  -0.277152D-07   0.569767D-06  -0.336161D-08   0.120167D-06
    -0.327196D-06   0.205426D-06  -0.109708D-06  -0.215918D-06   0.132051D-06  -0.694412D-09   0.294057D-08
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS   769

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS      421   ( 54.7 PCT.)
    UPPER LIMITS        0   (  0.0 PCT.)
      NON LIMITS      348   ( 45.3 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        769.0000000
        135.0000000
        142.0000000
        156.0000000
        89.00000000
        59.00000000
        66.00000000
        430.0000000
        8043.000000
        2667.000000
        307.0000000
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        173.0000000
        507.0000000
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        86.00000000
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ITERATION LOG
  0  -.1000000D+48  1.224348     -.5916018     -.5588159     -1.104349     -.1764625     .1180155     -.3446207     .2049657

 .4756741D-01 -.1527436D-01  .2596549     .1897918     -.9779956D-01 -.4013167     -.5569029     -.3899078D-01  .2056407

 -.5335703D-01 -.5817746     .2596953     .5746011     .1426850     -.8055985D-01  .4369352     .2219029     .8651185

 -.1998420     .4023997D-03 -.1436149D-02
  1  -3723.732     -1.117802     -.3865408D-01 -.2510458     -.2507402     .1774752D-01  .1797242     -.2291219     .2224095

 .3245437D-01  .4111322D-01  .2477561     .8944105D-01 -.2133909     -.1700331     .1323425     -.1400495     .3946195

 .1788634     -.3376433D-02  .1857007     .3605736     .6758510D-01  .7584250D-01  .1256541     .2761057     .2860920

 -.4069255D-01  .1183308D-03 -.8032173D-03
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 2  -3183.[illegible]     -1.634143      .4959475D-01 -.2525193     -.1708733      .7052117D-01  .2505569     -.3104858      .2768478

 .3714010D-01  .6120594D-01  .2935089      .9366921D-01 -.3091412     -.1723270      .2134776     -.1910502      .5545765

 .3162[illegible]      .9628231D-01  .2163198      .4083063      .7860477D-01  .1105625      .1192819      .3919507      .3097735

-.3078587D-01  .1206792D-03 -.8779597D-03
 3  -3174.343     -1.663452      .5410563D-01 -.2528078     -.1681040      .7412428D-01  .2583043     -.3271614      .2802300

 .3737[illegible]D-01  .6249439D-01  .2959630      .9428480D-01 -.3183561     -.1731807      .2156155     -.1945468      .5677115

 .3[illegible]      .1022269      .2182703      .4117679      .7959945D-01  .1120532      .1174668      .4092568      .3136159

-.3071110D-01  .1[illegible]D-03 -.8820760D-03
 4  -3174.314     -1.663564      .5412080D-01 -.2528088     -.1680984      .7413552D-01  .2583478     -.3273268      .2802448

 .3730[illegible]D-01  .6249[illegible]D-01  .2959741      .9428742D-01 -.3184067     -.1731853      .2156200     -.1945599      .5677721

 .3[illegible]937      .1022506      .2182766      .4117775      .7960338D-01  .1120575      .1174485      .4094206      .3136289

-.3071162D-01  .1[illegible]193D-03 -.8820857D-03
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THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER 4

LOG OF LIKELIHOOD FUNCTION -0.3174313776898984D+04

DEPENDENT VARIABLE=I_1R
CLASS VARIABLE=CLASSVAR

VARIABLE	ESTIMATE	T-STATISTIC	SE
CONSTANT	-1885.94	-3.16364	596.131
FLORIDA	61.3555	.202570	302.886
FRESNO	-286.603	-1.04442	274.413
KENTUCKY	-190.569	-.599801	317.721
MAINE	84.0457	.276832	303.598
MASSAU	292.883	.821652	356.456
FORTSMTH	-371.083	-1.08577	341.770
P_WHITE	317.707	2.57292	123.481
P_YRS_ED	42.3770	2.29429	18.4706
HH_SIZE	70.8535	2.36292	29.9855
P_MARRD	335.539	2.94507	113.932
R_25_44	106.891	.867193	123.261
R_45	-360.970	-1.85134	194.978
INSCHOOL	-196.336	-.991819	197.956
C_3	244.443	1.49304	163.175
I_8_EN	-220.568	-1.64729	133.897
C_10_B_I	643.670	5.05626	127.302
C_10_B_M	374.446	1.62504	230.422
ATTEMILL	115.919	.295716	391.995
T_FLORID	247.455	1.03405	239.307
T_FRESNO	466.823	2.03590	229.295
T_KENTUC	90.2445	.435596	207.175
T_MAINE	127.037	.460464	275.889
T_MASSAU	133.149	.366674	363.125
T_FORTSM	464.151	1.23617	375.474
T_SDIEGO	355.554	1.40607	252.871

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I_4_BN      -34.8171        -.317087        109.803
I_CP         .136970         2.21383        .618703D-01

ESTIMATED VARIANCE =  1285222.76
         ST. ERROR =  1133.67666

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.276594D+00
 -0.844959D-01   0.713804D-01
 -0.159945D-01   0.270171D-01   0.585909D-01
 -0.937875D-01   0.513240D-01   0.263236D-01   0.785440D-01
 -0.515228D-01   0.326085D-01   0.289251D-01   0.425345D-01   0.717166D-01
 -0.310019D-01   0.316295D-01   0.320511D-01   0.300745D-01   0.303533D-01   0.988629D-01
 -0.238901D-01   0.288552D-01   0.343358D-01   0.288691D-01   0.300355D-01   0.321382D-01   0.908844D-01
 -0.416759D-02  -0.145203D-03   0.267446D-02  -0.544991D-02  -0.529117D-02   0.294725D-02   0.165643D-02   0.118638D-01

 -0.283648D-02  -0.664418D-04   0.300750D-03   0.432378D-03   0.112328D-03  -0.292952D-03   0.309006D-03  -0.351977D-03
      0.265451D-03
 -0.567651D-02   0.883441D-03  -0.543762D-03   0.793846D-03   0.448382D-03  -0.151330D-03  -0.543657D-03   0.398572D-03
      0.426974D-04   0.699591D-03
 -0.684229D-02   0.954482D-03  -0.306653D-02  -0.348579D-03   0.502993D-03  -0.233741D-03  -0.157424D-02  -0.586747D-03
      0.169334D-03  -0.540039D-03   0.100998D-01
 -0.195764D-01   0.516898D-02   0.227947D-03   0.718395D-02   0.318057D-02   0.133979D-02   0.584337D-03   0.422092D-04
     -0.176200D-03   0.268456D-03  -0.140670D-02   0.118216D-01
 -0.501849D-01   0.103099D-01  -0.342904D-02   0.158941D-01   0.457373D-02  -0.590495D-02  -0.609052D-03  -0.104830D-02
      0.569766D-03   0.106172D-02  -0.365600D-03   0.100598D-01   0.295797D-01
 -0.191353D-02  -0.327993D-03   0.145873D-03   0.267428D-02  -0.657986D-03  -0.168820D-02  -0.281103D-02  -0.697986D-03
     -0.233740D-03  -0.241211D-03   0.125290D-02   0.180190D-02   0.287984D-02   0.304900D-01
 -0.545670D-02  -0.128239D-02  -0.164262D-05   0.164548D-03  -0.621735D-03   0.247693D-02   0.188815D-02   0.127786D-02
      0.535972D-04   0.183566D-03  -0.278299D-03   0.942404D-03   0.141872D-02   0.527049D-03   0.207172D-01
 -0.441929D-02   0.135448D-02   0.177921D-02   0.197859D-02   0.110738D-02  -0.115988D-02   0.152509D-02  -0.245997D-03
      0.133413D-03  -0.515467D-03   0.126992D-02   0.792619D-03   0.159909D-02  -0.411939D-03   0.103021D-02   0.139497D-01
 -0.101977D-01   0.881091D-03  -0.102567D-02  -0.643028D-03  -0.510553D-03  -0.577264D-03  -0.924960D-03  -0.575891D-03
      0.188913D-04   0.155605D-04  -0.996467D-03   0.125973D-03   0.955506D-03   0.222315D-03  -0.267149D-02   0.132053D-02
      0.126092D-01
 -0.153878D-01   0.153404D-02  -0.267478D-02  -0.174259D-02   0.853583D-03  -0.162224D-02  -0.190130D-02   0.562782D-04
      0.184930D-03   0.243460D-03  -0.968781D-03  -0.122144D-03   0.667665D-03  -0.195570D-02  -0.546421D-03   0.111325D-02
      0.971074D-02   0.413115D-01
 -0.148120D+00   0.425618D-01  -0.153905D-01   0.518002D-01   0.173458D-01   0.425286D-03  -0.906525D-02   0.127767D-02
     -0.221335D-03   0.272801D-02   0.575109D-02   0.103063D-01   0.279175D-01   0.105168D-02   0.807802D-03  -0.123918D-03
      0.152857D-02   0.525724D-02   0.119559D+00
 0.210971D-01  -0.306876D-01   0.339572D-02  -0.723730D-02  -0.287420D-02   0.134739D-03   0.275412D-02  -0.197470D-03
      0.341745D-03  -0.693658D-03  -0.228159D-02  -0.154792D-02  -0.451522D-02   0.985502D-04  -0.711350D-04   0.755526D-03
      0.120802D-03   0.447489D-03  -0.198839D-01   0.445588D-01
 0.242610D-02  -0.153591D-02  -0.216662D-01  -0.164189D-02  -0.364082D-03   0.583147D-03   0.297968D-03  -0.119346D-02
      0.932551D-04  -0.432198D-04   0.325807D-03  -0.105096D-02  -0.233363D-02  -0.309536D-03   0.939066D-03   0.277181D-03
      0.109045D-02   0.199876D-02  -0.349879D-02   0.101788D-02   0.409083D-01
 0.367500D-02  -0.164569D-02   0.170972D-03  -0.198200D-01  -0.838627D-03   0.502734D-03   0.289917D-03  -0.665255D-04
      0.131929D-03   0.216909D-04   0.504748D-04  -0.137263D-02  -0.235796D-02  -0.110858D-02   0.282188D-03  -0.163439D-02
      0.354370D-03  -0.110682D-02  -0.383476D-02   0.678545D-03   0.435479D-03   0.333961D-01
 -0.105914D-01   0.223798D-02  -0.145735D-02   0.325965D-02  -0.332323D-01  -0.262189D-04  -0.736413D-03  -0.378959D-03
      0.111620D-03   0.671891D-05   0.143154D-02   0.106094D-02   0.285258D-02   0.183931D-02  -0.268128D-03  -0.621312D-03
     -0.259685D-03  -0.772861D-03   0.696136D-02  -0.108388D-02   0.459121D-04  -0.146944D-03   0.592231D-01
 0.112959D-01  -0.215012D-02   0.121806D-02  -0.138676D-02  -0.149527D-03  -0.648567D-01   0.118394D-02  -0.162261D-02
      0.237744D-04  -0.311760D-03  -0.252499D-02   0.428907D-03   0.196853D-02   0.878993D-04  -0.290333D-02  -0.920710D-03
      0.600555D-03  -0.116897D-02  -0.775721D-02   0.166400D-02  -0.251838D-03  -0.268369D-05  -0.543094D-03   0.102597D+00
 -0.147199D-01   0.453080D-02  -0.215310D-02   0.428996D-02   0.138094D-02   0.650614D-03  -0.585723D-01   0.118973D-02
     -0.403924D-03   0.556115D-03   0.142077D-02   0.237885D-02   0.236603D-02   0.477151D-02  -0.104969D-02  -0.138834D-02
     -0.175318D-03   0.183206D-02   0.136249D-01  -0.314136D-02  -0.764518D-03  -0.741004D-03   0.109860D-02  -0.161533D-02
      0.109694D+00
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-0.[illegible]D-01 0.[illegible]D-01 0.331730D-01 0.284571D-01 0.306211D-01 0.324064D-01 0.327812D-01 0.223108D-03
-0.[illegible]D-05 -0.266062D-03 -0.759956D-03 0.641424D-03 -0.214518D-02 -0.148307D-02 0.118106D-02 0.100568D-02
-0.[illegible]D-03 -0.230376D-02 -0.833789D-02 0.156939D-02 0.237018D-03 0.124817D-03 -0.528573D-03 0.342235D-03
-0.[illegible]D-02 0.497530D-01
-0.142[illegible]D-01 0.206189D-02 -0.196015D-02 0.235028D-02 -0.127401D-02 0.199228D-02 -0.289390D-02 0.639060D-03
-0.1[illegible]D-04 -0.132663D-04 0.193274D-03 0.327770D-03 0.955074D-03 0.650324D-03 -0.457346D-03 -0.274241D-02
0.831[illegible]D-03 -0.355067D-04 0.839126D-02 -0.149830D-02 0.286188D-03 0.280147D-03 0.176120D-02 -0.216335D-02
0.26[illegible]D-02 -0.600502D-03 0.938100D-02
0.12[illegible]D-05 -0.239536D-06 -0.133860D-05 -0.248468D-06 -0.483480D-06 0.493896D-08 0.266363D-06 -0.305958D-06
-0.617[illegible]D-03 -0.163552D-06 -0.523900D-06 -0.577502D-06 -0.622955D-06 -0.212509D-06 -0.472804D-05 0.811985D-07
0.252[illegible]D-07 -0.327564D-06 -0.121243D-05 0.865619D-06 0.108198D-05 0.561917D-07 0.418774D-06 0.763061D-06
-0.33[illegible]D-06 0.491461D-07 0.100726D-05 0.297842D-08
0.50[illegible]D-07 0.117655D-06 0.180048D-06 0.445651D-06 0.203582D-07 -0.154974D-06 0.103938D-06 -0.223413D-06
-0.4[illegible]D-07 -0.246517D-07 -0.209594D-06 -0.134565D-06 0.124705D-06 0.204226D-06 0.991769D-07 0.109098D-06

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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS   912

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS     570   ( 62.5 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS     342   ( 37.5 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        912.0000000
        166.0000000
        144.0000000
        142.0000000
        92.00000000
        82.00000000
        140.0000000
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        2377.000000
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        428.0000000
        325.0000000
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        221.0000000
        392.0000000
        38.00000000
        591.4393683
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        57.00000000
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        86.00000000
        99.00000000
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        265712.0000


ITERATION LOG
  0  -.1000000D+48  .5376614     -.1565266     -.9521923D-01 -.5464264     .1297312     .1604908     -.6500752D-01  .1193896

 .7890323D-01 -.1330825D-01  .1484767     .5733728D-01 -.1261472D-01 -.5526028     -.4842456     -.1059806     .1249130

-.5435480     -.2854867     .1252490     .2717241D-02  .3871397     -.1250779     .4751917     .9283416D-01  .3960234

-.1378083     .6079884D-03 -.2034461D-02
  1  -3768.615     -1.091685     -.1441764D-01 -.4988845D-01 -.3426721     -.2866217D-01  .2003202     .2988798D-01  .1248672

 .6089131D-01 -.2004660D-02 -.8906900D-01  .8737677D-01 -.8431972D-02 -.3446514     .4006951     -.5901769D-01  .3419014

-.3804967D-02 -.1789244     .1253721     .2277838     .3273745     -.9204361D-01  .1313895     -.1225025     .4849612

-.8240759D-01  .2958506D-03 -.1207419D-02
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  2  -3005.655      -1.559657      .3563895D-01 -.3558878D-01 -.4936090      -.4234356D-01  .3008680      .9125960D-01  .1636568

 .7993787D-01 -.1417150D-02 -.1799505      .1161559      -.3321896D-01 -.4285561      .5857219      -.6700401D-01  .5099545

 .1437130      -.2571751      .1619035      .3570877      .4551202      -.1117413      .1078218      -.2399206      .6533427

-.1222466      .2961037D-03 -.1289500D-02
  3  -3005.057      -1.610265      .4461633D-01 -.3408731D-01 -.4147010      -.4097060D-01  .3166262      .1057882      .1678933

 .8016633D-01 -.1595027D-02 -.1921490      .1186999      -.4000204D-01 -.4477819      .6007408      -.6909388D-01  .5310067

 .1605277      -.2766382      .1666456      .3765648      .4790483      -.1139770      .1098823      -.2624780      .6745934

-.1301554      .2925427D-03 -.1291260D-02
  4  -3004.865      -1.610958      .4475912D-01 -.3409649D-01 -.4148727      -.4093875D-01  .3168492      .1060760      .1679492

 .8021627D-01 -.1591891D-02 -.1923201      .1187278      -.4011511D-01 -.4481220      .6009494      -.6912126D-01  .5312794

 .1607549      -.2769321      .1667082      .3768921      .4794235      -.1139997      .1099521      -.2629032      .6748870

-.1302209      .2924454D-03 -.1291239D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.3004864577589437D+04

DEPENDENT VARIABLE=I_1P
CLASS VARIABLE=CLASSVAR

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT    -1247.61       -3.12297        399.494
FLORIDA      34.6637        .161384        214.791
FRESNO      -26.4060       -.128995        204.705
KENTUCKY    -321.298       -1.28764        249.525
MAINE       -31.7050       -.133393        229.094
MASSAU       245.324        1.07552        228.153
PORTSMTH     82.1505        .385025        213.364
P_WHITE      139.069        1.62432        80.0753
P_YRS_ED     63.6724        5.00200        12.7294
HH_SIZE     -1.23084       -.567118D-01    21.7387
P_MARRD     -148.942       -1.83763        81.0512
P_25_44      91.9437        .922292        99.6959
P_45        -31.0471       -.242034        128.332
INSCHOOL    -347.043       -2.05994        168.475
C_3          465.405        4.27235        108.934
I_8_EN      -53.5329       -.597499        89.5918
C_10_B_I     411.449        5.36962        76.6254
C_10_B_M     124.491        .775578        160.501
ATTCMILL    -214.514       -.656118        326.945
T_FLORID     129.107        .843733        153.019
T_FRESNO     291.024        1.73153        168.570
T_KENTUC     371.269        2.06091        180.158
T_MAINE     -88.2370       -.434845        203.031
T_MASSAU     85.1524        .394486        215.857
T_PORTSM    -203.695       -1.07573        189.272
T_SDIEGO     522.666        2.91791        179.124
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I_4_BN      -100.896        -1.39881        72.1300
I_CP         .226500         3.15647        .717574D-01

ESTIMATED VARIANCE =  599772.620
         ST. ERROR =  774.449882

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.266093D+00
 -0.871421D-01   0.769209D-01
 -0.342971D-01   0.361216D-01   0.698668D-01
 -0.106433D+00   0.572551D-01   0.354940D-01   0.103811D+00
 -0.673337D-01   0.444743D-01   0.383320D-01   0.502918D-01   0.875064D-01
 -0.509572D-01   0.436639D-01   0.376931D-01   0.450044D-01   0.411187D-01   0.867890D-01
 -0.416936D-01   0.393029D-01   0.397878D-01   0.372047D-01   0.372098D-01   0.406530D-01   0.759026D-01
 -0.337593D-02   0.157231D-02   0.108345D-02  -0.398330D-02  -0.437259D-02   0.121081D-03   0.369254D-02   0.106908D-01

 -0.289625D-02  -0.111107D-03   0.322675D-03   0.252671D-03   0.319319D-03  -0.115045D-03   0.201736D-03  -0.306521D-03
      0.270165D-03
 -0.595337D-02   0.719239D-03   0.746861D-04   0.103302D-02   0.505195D-03   0.110074D-03  -0.277949D-03   0.370277D-03
      0.493776D-04   0.787916D-03
 -0.374859D-02  -0.709371D-03  -0.127803D-02  -0.150275D-02   0.103942D-02   0.200616D-03   0.731707D-03  -0.808108D-03
      0.242006D-03  -0.763719D-03   0.109530D-01
 -0.316869D-01   0.652660D-02  -0.936082D-03   0.990281D-02   0.709530D-02   0.116499D-02   0.826078D-03  -0.497008D-03
      0.890392D-04   0.342172D-03  -0.859996D-03   0.165717D-01
 -0.571845D-01   0.105460D-01  -0.293890D-02   0.175209D-01   0.981957D-02   0.165137D-02  -0.109521D-03  -0.664164D-03
      0.526100D-03   0.130121D-02  -0.223313D-03   0.156789D-01   0.274589D-01
 -0.110749D-01   0.574648D-02   0.543318D-02   0.613469D-02   0.653344D-02   0.374090D-02   0.414414D-02   0.226486D-02
     -0.167605D-03   0.259223D-03   0.809759D-03   0.310736D-02   0.487710D-02   0.473243D-01
 -0.347956D-02  -0.262874D-02   0.136051D-02  -0.726005D-03  -0.153580D-02  -0.283702D-02  -0.348286D-03   0.184445D-02
      0.117305D-03   0.284428D-03   0.569061D-03   0.298856D-03  -0.417007D-03   0.223265D-02   0.197853D-01
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      0.696372D-04  -0.503786D-03   0.116128D-02   0.919880D-03  -0.208108D-03   0.169867D-02   0.148070D-02   0.133829D-01
 -0.448878D-02   0.152214D-02   0.884231D-03   0.890988D-04   0.424996D-04   0.177243D-02   0.189836D-02   0.241707D-03
     -0.927929D-05   0.179638D-03   0.543063D-03  -0.364007D-03  -0.467382D-05  -0.154823D-02  -0.423161D-02   0.319222D-03
      0.978945D-02
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     -0.789056D-04   0.200253D-03   0.104869D-02   0.421373D-03   0.705319D-03   0.630262D-03  -0.318833D-02   0.249046D-03
      0.547728D-02   0.429506D-01
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     -0.673369D-03   0.317349D-02   0.629987D-03   0.207742D-01   0.403635D-01   0.238177D-02  -0.724563D-05  -0.139408D-02
     -0.189304D-02   0.502499D-02   0.178222D+00
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      0.361499D-03  -0.799865D-03  -0.184604D-01   0.390395D-01
  0.105265D-01  -0.303419D-02  -0.275589D-01  -0.497514D-02  -0.193452D-02  -0.916683D-03   0.756191D-03   0.811655D-03
      0.140232D-03  -0.215013D-03   0.210555D-04  -0.855391D-04  -0.231986D-02  -0.149442D-02  -0.133417D-02  -0.274732D-03
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      0.177344D-03   0.632005D-04  -0.687558D-03  -0.115480D-02  -0.123613D-02  -0.559472D-03   0.112183D-02  -0.758899D-03
     -0.256334D-03  -0.155619D-02  -0.642767D-02   0.786418D-03   0.421403D-03   0.541151D-01
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     -0.189323D-03   0.353863D-02   0.113498D-01  -0.134894D-02  -0.525456D-03  -0.596521D-03   0.687288D-01
  0.246952D-01  -0.849675D-02   0.260742D-02  -0.109375D-01  -0.300132D-02  -0.469911D-01  -0.478115D-03  -0.684989D-03
      0.359243D-03  -0.513682D-03   0.497755D-03  -0.249793D-02  -0.564153D-02  -0.162838D-02   0.574897D-03   0.364032D-02
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      0.597293D-01
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>>> MALES <<<

PROPORTION WEEKS WORKED

MODEL: MODEL01	SSE	111.558884	F RATIO	18.48
	DFE	1165	PROB>F	0.0001
DEP VAR: C_2	MSE	0.095759	R-SQUARE	0.2408

E:1-13 / 13

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	0.022557	0.110788	0.2036	0.8387	
FLORIDA	1	0.071178	0.033799	1.8345	0.0668	
FRESNO	1	-0.041753	0.035742	-1.1682	0.2430	
KENTUCKY	1	-0.053615	0.053936	-0.9940	0.3204	
MAINE	1	0.048298	0.034891	1.3842	0.1666	
NASSAU	1	0.115215	0.039901	2.8875	0.0040	
PORTSMTH	1	0.038288	0.038858	0.9853	0.3247	
R_WHITE	1	0.032372	0.022746	1.4232	0.1549	RESPONDENT IS WHITE
R_YRS_ED	1	-0.00169222	0.003515274	-0.4814	0.6303	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.00588044	0.005604102	-1.0493	0.2943	# MEMBERS IN HOUSEHOLD
R_MARRD	1	0.031615	0.021917	1.4425	0.1494	RESPONDENT IS MARRIED
R_25_44	1	0.018481	0.022828	0.8096	0.4184	RESPONDENT AGE 25 - 44
R_45	1	-0.056444	0.034088	-1.6558	0.0980	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.023238	0.037446	-0.6206	0.5350	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.373954	0.025586	14.6158	0.0001	E:14-26 / 13
I_8_DN	1	-0.055094	0.023487	-2.3457	0.0192	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.069900	0.022345	3.1283	0.0018	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-0.021642	0.040825	-0.5301	0.5961	ANY WORK IN 1982 MISSING
ATTRMILL	1	0.053839	0.101261	0.5317	0.5950	3 MONTH SURVEY ATTRITION MILLS RATIO
TREATMEN	1	0.065530	0.018522	3.5379	0.0004	TREATMENT=1
I_4_DN	1	0.051426	0.020348	2.5273	0.0116	WEEKS 14-26: ANY FS $

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PROPORTION WEEKS WORKED

MODEL: MODEL01	SSE	110.545347	F RATIO	14.68
	DFE	1159	PROB>F	0.0001
DEP VAR: C_2	MSE	0.095380	R-SQUARE	0.2477
E:1-13 / 13				

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	0.017604	0.117673	0.1496	0.8811	
FLORIDA	1	0.076172	0.057862	1.3165	0.1883	
FRESNO	1	-0.014899	0.054232	-0.2747	0.7836	
KENTUCKY	1	0.031358	0.065846	0.4762	0.6340	
MAINE	1	0.035200	0.051520	0.6832	0.4946	
NASSAU	1	0.163863	0.062744	2.6116	0.0091	
FORTSMTH	1	0.040460	0.058097	0.6964	0.4863	
R_WHITE	1	0.032085	0.022727	1.4118	0.1583	RESPONDENT IS WHITE
R_YRS_ED	1	-0.00186703	0.003520465	-0.5303	0.5960	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.00652019	0.005677536	-1.1484	0.2510	# MEMBERS IN HOUSEHOLD
R_MARRD	1	0.032640	0.022022	1.4821	0.1386	RESPONDENT IS MARRIED
R_25_44	1	0.022088	0.022938	0.9629	0.3358	RESPONDENT AGE 25 - 44
R_45	1	-0.054436	0.034763	-1.5659	0.1176	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.018642	0.037444	-0.4979	0.6187	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.372442	0.025690	14.4974	0.0001	E:14-26 / 13
I_8_DN	1	-0.050495	0.023519	-2.1469	0.0320	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.068070	0.022380	3.0416	0.0024	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-0.026042	0.040797	-0.6383	0.5234	ANY WORK IN 1982 MISSING
ATTRMILL	1	0.033675	0.109399	0.3078	0.7583	3 MONTH SURVEY ATTRITION MILLS RATIO
T_FLORID	1	0.091782	0.051523	1.7814	0.0751	
T_FRESNO	1	0.063821	0.043669	1.4615	0.1442	
T_KENTUC	1	-0.051655	0.044648	-1.1569	0.2475	
T_MAINE	1	0.126625	0.042399	2.9865	0.0029	
T_NASSAU	1	0.020970	0.066122	0.3171	0.7512	
T_FORTSM	1	0.101382	0.059546	1.7026	0.0889	
T_SDIEGO	1	0.101623	0.047457	2.1414	0.0325	
I_4_DN	1	0.051016	0.020534	2.4844	0.0131	WEEKS 14-26: ANY FS $

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>>> FEMALES <<<

PROPORTION WEEKS WORKED

MODEL: MODEL01	SSE	88.452955	F RATIO	57.01
	DFE	1156	PROB>F	0.0001
DEP VAR: C_2	MSE	0.076516	R-SQUARE	0.4966

E:1-13 / 13

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-0.163475	0.094695	-1.7263	0.0846	
FLORIDA	1	0.034282	0.035092	0.9769	0.3288	
FRESNO	1	-0.037952	0.032748	-1.1589	0.2467	
KENTUCKY	1	-0.021725	0.048998	-0.4434	0.6576	
MAINE	1	-0.045600	0.035421	-1.2874	0.1982	
NASSAU	1	0.066768	0.034367	1.9428	0.0523	
PORTSMTH	1	-0.047103	0.033790	-1.3940	0.1636	
R_WHITE	1	0.010435	0.020733	0.5033	0.6148	RESPONDENT IS WHITE
R_YRS_ED	1	0.009980272	0.002999754	3.3270	0.0009	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	0.002231573	0.005176275	0.4311	0.6665	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-0.028844	0.019966	-1.4447	0.1488	RESPONDENT IS MARRIED
R_25_44	1	0.019592	0.024029	0.8153	0.4150	RESPONDENT AGE 25 - 44
R_45	1	0.043142	0.030495	1.4147	0.1574	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.00448185	0.037000	-0.1211	0.9036	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.592587	0.023528	25.1859	0.0001	E:14-26 / 13
I_8_EN	1	-0.00202276	0.020776	-0.0974	0.9225	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.071066	0.019605	3.6249	0.0003	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	0.058569	0.040339	1.4519	0.1468	ANY WORK IN 1982 MISSING
ATTRMILL	1	0.146683	0.108364	1.3536	0.1761	3 MONTH SURVEY ATTRITION MILLS RATIO
TREATMEN	1	0.044423	0.016912	2.6268	0.0087	TREATMENT=1
I_4_EN	1	0.030131	0.018309	1.6457	0.1001	WEEKS 14-26: ANY FS $

TABLE 5.8

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PROPORTION WEEKS WORKED

MODEL: MODEL01	SSE	87.618403	F RATIO	44.47
	DFE	1150	PROB>F	0.0001
DEP VAR: C_2	MSE	0.076190	R-SQUARE	0.5013
E:1-13 / 13				

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-0.156650	0.103641	-1.5115	0.1309	
FLORIDA	1	0.051781	0.055693	0.9298	0.3527	
FRESNO	1	-0.0078981	0.052831	-0.1495	0.8812	
KENTUCKY	1	0.034147	0.062858	0.5432	0.5871	
MAINE	1	-0.026465	0.056113	-0.4716	0.6373	
NASSAU	1	0.150077	0.056488	2.6568	0.0080	
PORTSMTH	1	0.045022	0.052508	0.8574	0.3914	
R_WHITE	1	0.009859055	0.020706	0.4279	0.6688	RESPONDENT IS WHITE
R_YRS_ED	1	0.009951285	0.002999263	3.3179	0.0009	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	0.001339393	0.005196822	0.2577	0.7967	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-0.031808	0.019965	-1.5932	0.1114	RESPONDENT IS MARRIED
R_25_44	1	0.012911	0.024357	0.5301	0.5962	RESPONDENT AGE 25 - 44
R_45	1	0.029923	0.031421	0.9523	0.3411	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.00378182	0.037076	-0.1020	0.9188	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.591117	0.023514	25.1339	0.0001	E:14-26 / 13
I_8_BN	1	-0.00228141	0.020792	-0.1097	0.9126	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.070089	0.019597	3.5764	0.0004	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	0.055959	0.040341	1.3872	0.1657	ANY WORK IN 1982 MISSING
ATTRMILL	1	0.078620	0.119739	0.6566	0.5116	3 MONTH SURVEY ATTRITION MILLS RATIO
T_FLORID	1	0.080032	0.043391	1.8449	0.0653	
T_FRESNO	1	0.095307	0.041459	2.2989	0.0217	
T_KENTUC	1	-0.00440488	0.042265	-0.1042	0.9170	
T_MAINE	1	0.082975	0.046944	1.7675	0.0774	
T_NASSAU	1	-0.013516	0.053425	-0.2530	0.8003	
T_PORTSM	1	-0.032119	0.042569	-0.7545	0.4507	
T_SDIEGO	1	0.116277	0.047786	2.4333	0.0151	
I_4_BN	1	0.026556	0.018410	1.4425	0.1494	WEEKS 14-26: ANY FS $

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MODEL:	MODEL01	SSE	131.365065	F RATIO	8.15
		DFE	794	PROB>F	0.0001
DEP VAR:	C_2	MSE	0.165447	R-SQUARE	0.1703

26 WEEK SPAN: PROP. WEEKS EMPLOYED

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-0.066590	0.167402	-0.3978	0.6909	
FLORIDA	1	0.113383	0.062692	1.8086	0.0709	
FRESNO	1	-0.032627	0.054522	-0.5984	0.5497	
KENTUCKY	1	-0.036745	0.075971	-0.4837	0.6287	
MAINE	1	0.027176	0.061560	0.4415	0.6590	
NASSAU	1	0.168250	0.063892	2.6334	0.0086	
PORTSMTH	1	-0.040091	0.064834	-0.6184	0.5365	
P_WHITE	1	0.098331	0.036916	2.6637	0.0079	RESPONDENT IS WHITE
P_YRS_ED	1	0.006426464	0.005452508	1.1786	0.2389	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	0.005133874	0.008806111	0.5830	0.5601	# MEMBERS IN HOUSEHOLD
P_MARRD	1	0.092251	0.034345	2.6860	0.0074	RESPONDENT IS MARRIED
P_25_44	1	0.001699632	0.036470	0.0466	0.9628	RESPONDENT AGE 25 - 44
P_45	1	-0.147258	0.054246	-2.7146	0.0068	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.076158	0.053838	-1.2944	0.1959	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.229813	0.040660	5.6521	0.0001	E:14-26 / 13
I_6_EN	1	-0.074592	0.038351	-1.9450	0.0521	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.132023	0.035572	3.7115	0.0002	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	0.070407	0.065705	1.0716	0.2842	ANY WORK IN 1982 MISSING
ATTRMILL	1	0.115353	0.113507	1.0163	0.3098	6 MONTH SURVEY ATTRITION MILLS RATIO
TREATMEN	1	0.041564	0.029351	1.4161	0.1571	TREATMENT=1
I_4_EN	1	0.037181	0.032850	1.1318	0.2580	WEEKS 14-26: ANY FS $

PROPORTION WEEKS WORKED

MODEL: MODEL02	SSE	130.216790	F RATIO	6.54
	DFE	788	PROB>F	0.0001
DEP VAR: C_2	MSE	0.165250	R-SQUARE	0.1775

26 WEEK SPAN: PROP. WEEKS EMPLOYED

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-0.055996	0.176214	-0.3178	0.7507	
FLORIDA	1	0.089433	0.091800	0.9742	0.3303	
FRESNO	1	-0.080772	0.082026	-0.9847	0.3251	
KENTUCKY	1	0.013618	0.097841	0.1392	0.8893	
MAINE	1	0.073956	0.083186	0.8953	0.3709	
NASSAU	1	0.139533	0.099751	1.3993	0.1621	
PORTSMTH	1	-0.082050	0.094482	-0.8684	0.3854	
P_WHITE	1	0.097053	0.036953	2.6265	0.0088	RESPONDENT IS WHITE
P_YRS_ED	1	0.006289149	0.00547372	1.1490	0.2509	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	0.005232391	0.008838795	0.5887	0.5563	# MEMBERS IN HOUSEHOLD
P_MARRD	1	0.089119	0.034552	2.5793	0.0101	RESPONDENT IS MARRIED
P_25_44	1	0.005613428	0.036850	0.1523	0.8790	RESPONDENT AGE 25 - 44
P_45	1	-0.146705	0.055202	-2.6576	0.0080	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.073364	0.058971	-1.2441	0.2138	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.232262	0.040922	5.6757	0.0001	E:14-26 / 13
I_8_EN	1	-0.071027	0.038617	-1.8393	0.0663	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.132437	0.035728	3.7082	0.0002	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	0.080715	0.065823	1.2262	0.2205	ANY WORK IN 1982 MISSING
ATToMILL	1	0.106074	0.118526	0.8949	0.3711	6 MONTH SURVEY ATTRITION MILLS RATIO
T_FLORID	1	0.077607	0.073834	1.0511	0.2935	
T_FRESNO	1	0.135064	0.068080	1.9839	0.0476	
T_KENTUC	1	-0.058236	0.066081	-0.8813	0.3784	
T_MAINE	1	-0.050190	0.074410	-0.6745	0.5002	
T_NASSAU	1	0.087763	0.102764	0.8540	0.3933	
T_PORTSM	1	0.127858	0.101753	1.2565	0.2093	
T_SDIEGO	1	0.039167	0.078366	0.4998	0.6174	
I_4_EN	1	0.034765	0.033195	1.0473	0.2953	WEEKS 14-26: ANY FS $

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PROPORTION WEEKS WORKED

MODEL:	MODEL01	SSE	124.936510	F RATIO	21.05
		DFE	896	PROB>F	0.0001
DEP VAR:	C_2	MSE	0.139438	R-SQUARE	0.3197

9 WEEK SPAN: PROP. WEEKS EMPLOYED

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	0.163380	0.144331	1.1320	0.2579	
FLORIDA	1	-0.069492	0.053576	-1.2971	0.1949	
FRESNO	1	-0.059694	0.046553	-1.2823	0.2001	
KENTUCKY	1	-0.159054	0.066783	-2.3817	0.0174	
MAINE	1	-0.175523	0.057045	-3.0769	0.0022	
NASSAU	1	0.067345	0.052442	1.2842	0.1994	
PORTSMTH	1	-0.136986	0.050291	-2.7238	0.0066	
R_WHITE	1	0.073926	0.032010	2.3094	0.0211	RESPONDENT IS WHITE
R_YRS_ED	1	0.012307	0.004632842	2.6565	0.0080	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.00417875	0.007900298	-0.5289	0.5970	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-0.035424	0.030223	-1.1721	0.2415	RESPONDENT IS MARRIED
R_25_44	1	-0.00901062	0.039133	-0.2303	0.8179	RESPONDENT AGE 25 - 44
R_45	1	-0.029502	0.049608	-0.5947	0.5522	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.088985	0.056807	-1.5664	0.1176	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.425609	0.036531	11.6505	0.0001	E:14-26 / 13
I_8_BN	1	-0.000706478	0.031530	-0.0224	0.9821	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.150672	0.030672	4.9124	0.0001	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-0.048014	0.063338	-0.7581	0.4486	ANY WORK IN 1982 MISSING
ATT6MILL	1	-0.077364	0.119019	-0.6500	0.5159	6 MONTH SURVEY ATTRITION MILLS RATIO
TREATMEN	1	0.044244	0.025930	1.7063	0.0883	TREATMENT=1
I_4_BN	1	-0.023013	0.027841	-0.8266	0.4087	WEEKS 14-26: ANY FS $

MODEL:	MODEL02	SSE	124.136382	F RATIO	16.41
		DFE	890	PROB>F	0.0001
DEP VAR:	C_2	MSE	0.139479	R-SQUARE	0.3241

9 WEEK SPAN: PROP. WEEKS EMPLOYED

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	0.117269	0.155967	0.7519	0.4523	
FLORIDA	1	0.012076	0.083220	0.1451	0.8847	
FRESNO	1	0.036207	0.076142	0.4755	0.6345	
KENTUCKY	1	-0.100434	0.092493	-1.0859	0.2778	
MAINE	1	-0.071149	0.088746	-0.8017	0.4229	
NASSAU	1	0.159441	0.084601	1.8846	0.0598	
PORTSMTH	1	0.008711441	0.080522	0.1082	0.9139	
R_WHITE	1	0.072670	0.032051	2.2673	0.0236	RESPONDENT IS WHITE
R_YRS_ED	1	0.012433	0.004647486	2.6751	0.0076	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.00470052	0.007911414	-0.5941	0.5526	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-0.038940	0.030315	-1.2845	0.1993	RESPONDENT IS MARRIED
R_25_44	1	-0.011420	0.039429	-0.2896	0.7722	RESPONDENT AGE 25 - 44
R_45	1	-0.039370	0.050348	-0.7820	0.4344	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.080204	0.057047	-1.4059	0.1601	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.426645	0.036632	11.6468	0.0001	E:14-26 / 13
I_8_BN	1	0.003010761	0.031642	0.0952	0.9242	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.154092	0.030761	5.0094	0.0001	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-0.052808	0.063594	-0.8304	0.4065	ANY WORK IN 1982 MISSING
ATTEMILL	1	-0.132143	0.127886	-1.0333	0.3018	6 MONTH SURVEY ATTRITION MILLS RATIO
T_FLORID	1	0.037957	0.061386	0.6183	0.5365	
T_FRESNO	1	0.046225	0.064022	0.7220	0.4705	
T_KENTUC	1	0.068911	0.063970	1.0772	0.2817	
T_MAINE	1	0.009542041	0.077345	0.1234	0.9018	
T_NASSAU	1	0.039562	0.081151	0.4875	0.6260	
T_PORTSM	1	-0.053755	0.068215	-0.7880	0.4309	
T_SDIEGO	1	0.174885	0.070394	2.4844	0.0132	
I_4_BN	1	-0.022150	0.028099	-0.7883	0.4307	WEEKS 14-26: ANY FS $

>>> MALES <<<

EMPLOYED LAST WEEK

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.9804112	.48621303	-4.0731347	
2	FLORIDA	.29547042	.16718200	1.7673578	
3	FRESNO	-.47126692	.15625974	-3.0041928	
4	KENTUCKY	-.13902794	.23571183	-.58557918	
5	MAINE	.28994850	.14375528	1.9465473	
6	NASSAU	.29639442	.17079731	1.7353577	
7	PORTSMTH	.20046413	.16933333	1.1838080	
8	R_WHITE	.26610364	.98735277D-01	2.6951222	RESPONDENT IS WHITE
9	R_YRS_ED	.87250563D-04	.15293307D-01	.57051468D-02	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.40388270D-01	.24267752D-01	1.6642774	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.16532032	.94129024D-01	1.7563160	RESPONDENT IS MARRIED
12	R_25_44	.80059806D-01	.97912861D-01	.81766384	RESPONDENT AGE 25 - 44
13	R_45	-.12027269	.15033329	-.80001369	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.47654704	.17259307	-2.7611018	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.53221267	.10793358	4.9855172	E:14-26 / 13
16	I_8_EN	-.21652966	.10485622	-2.0650150	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.36540193	.98928965D-01	3.6935789	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.29324052	.17914612	1.6368790	ANY WORK IN 1982 MISSING
19	ATTRMILL	.97557324	.44217254	2.2063180	3 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	.25052688	.80450296D-01	3.1140579	TREATMENT=1
21	I_4_EN	.44897953D-01	.87524435D-01	.51297620	WEEKS 14-26: ANY FS $

OBSERVATIONS 1182

LIMITS 746

NONLIMITS 436

(-2.0) TIMES LOG LIKELIHOOD RATIO 153.16724

DEGREES OF FREEDOM 20

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EMPLOYED LAST WEEK

	COEFFICIENT	MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-2.1545781	.52086504	-4.1365381	
2	FLORIDA	.46261703	.25649663	1.8036692	
3	FRESNO	-.55464094	.24922015	-2.2255061	
4	KENTUCKY	.24316788	.28889248	.84172449	
5	MAINE	.40655687	.22695297	1.7913706	
6	NASSAU	.47773664	.27579326	1.7322274	
7	PORTSMTH	.20968213	.26343292	.79595023	
8	R_WHITE	.26236494	.99489902D-01	2.6371011	RESPONDENT IS WHITE
9	R_YRS_ED	-.17881707D-02	.15388073D-01	-.11620498	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.41839918D-01	.24748133D-01	1.6906290	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.17835513	.95084871D-01	1.8757467	RESPONDENT IS MARRIED
12	R_25_44	.98438574D-01	.98952544D-01	.99581224	RESPONDENT AGE 25 - 44
13	R_45	-.10482723	.15398148	-.68077819	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.47365297	.17368032	-2.7271540	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.55621245	.10896793	5.1043681	E:14-26 / 13
16	I_8_BN	-.20604979	.10539809	-1.9549670	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.35977444	.99532838D-01	3.6146306	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.30167790	.17966083	1.6791523	ANY WORK IN 1982 MISSING
19	ATT3MILL	1.0456062	.47949286	2.1806502	3 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	.16507414	.22115265	.74642621	
21	T_FRESNO	.56657650	.20038479	2.8274427	
22	T_KENTUC	-.19247888	.19532238	-.98543949	
23	T_MAINE	.25627682	.17784752	1.4409918	
24	T_NASSAU	.12778009	.28243257	.45242691	
25	T_PORTSM	.43011204	.26527672	1.6213712	
26	T_SDIEGO	.41681623	.20977721	1.9869472	
27	I_4_BN	.54291116D-01	.88724984D-01	.61190336	WEEKS 14-26: ANY FS $

OBSERVATIONS 1182

LIMITS 746

NONLIMITS 436

(-2.0) TIMES LOG LIKELIHOOD RATIO 162.28572

DEGREES OF FREEDOM 26

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>>> FEMALES <<<

EMPLOYED LAST WEEK

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.5642128	.51042950	-3.0645031	
2	FLORIDA	-.23610258	.18544375	-1.2731763	
3	FRESNO	-.32333707	.16989139	-1.9061418	
4	KENTUCKY	-.70154088	.26708698	-2.6187942	
5	MAINE	-.38332934	.18036599	-2.1530104	
6	NASSAU	.89902506D-01	.17272176	.51471516	
7	PORTSMTH	-.56971853	.18327505	-3.1085438	
8	R_WHITE	.74291947D-01	.10903520	.68135745	RESPONDENT IS WHITE
9	R_YRS_ED	.57973734D-01	.16907697D-01	3.4288367	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.19770549D-01	.28377955D-01	.69668691	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.13625243	.10837911	-1.2571835	RESPONDENT IS MARRIED
12	R_25_44	-.10857139	.12413115	-.87465065	RESPONDENT AGE 25 - 44
13	R_45	-.13664559	.16142540	-.84649375	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	[illegible]	[illegible]	[illegible]	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	1.4247010	.11828613	12.044531	E:14-26 / 13
16	I_8_PN	.35134546D-01	.11602249	.30282531	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.36541303	.10240915	3.5681678	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.24305238	.20224640	1.2017637	ANY WORK IN 1982 MISSING
19	ATTRILL	.47924146D-01	.57786636	.82932923D-01	3 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	.27407446	.92938972D-01	2.9489723	TREATMENT=1
21	I_4_PN	-.79444096D-03	.97249130D-01	-.81691318D-02	WEEKS 14-26: ANY FS $

OBSERVATIONS 1172

LIMITS 795

NONLIMITS 377

(-2.0) TIMES LOG LIKELIHOOD RATIO 382.74976

DEGREES OF FREEDOM 20

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EMPLOYED LAST WEEK

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.6748441	.55996882	-2.9968465	
2	FLORIDA	.17105942	.29963675	.57099600	
3	FRESNO	-.63978668D-01	.28840763	-.22183418	
4	KENTUCKY	-.40068512	.35966553	-1.3364781	
5	MAINE	-.17425693D-01	.28792345	-.60521964D-01	
6	NASSAU	.36915662	.29640599	1.2454425	
7	FORTSMTH	-.86603191D-02	.28733304	-.30140353D-01	
8	R_WHITE	.68059393D-01	.10945193	.62191031	RESPONDENT IS WHITE
9	R_YRS_ED	.59681603D-01	.17031711D-01	3.5103293	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.14789980D-01	.28603269D-01	.51562770	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.15682368	.10929050	-1.4349250	RESPONDENT IS MARRIED
12	R_25_44	-.12110794	.12654560	-.95703004	RESPONDENT AGE 25 - 44
13	R_45	-.18704634	.16763763	-1.1157779	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.12327200	.19918094	-.61889487	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	1.4252404	.11874022	12.003013	E:14-26 / 13
16	I_8_DN	.40568527D-01	.11695813	.34686367	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.37095477	.10309638	3.5981353	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.23070269	.20320706	1.1353084	ANY WORK IN 1982 MISSING
19	ATTRMILL	-.28977626	.64204050	-.45133642	3 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	.78314320D-01	.23351490	.33537184	
21	T_FRESNO	.48393728	.22573722	2.1438081	
22	T_KENTUC	.29188281	.26698785	1.0932438	
23	T_MAINE	.16303535	.23728225	.68709881	
24	T_NASSAU	.36747764	.27420318	1.3401655	
25	T_FORTSM	-.12478332	.24405035	-.51130153	
26	T_SDIEGO	.75016321	.25015199	2.9988297	
27	I_4_DN	-.37625658D-03	.98162824D-01	-.38329845D-02	WEEKS 14-26: ANY FS $

OBSERVATIONS 1172

LIMITS 795

NONLIMITS 377

(-2.0) TIMES LOG LIKELIHOOD RATIO 390.99859

DEGREES OF FREEDOM 26

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EMPLOYED LAST WEEK

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.0929701	.54340267	-2.0113447	
2	FLORIDA	.22803909	.20066028	1.1364436	
3	FRESNO	.92526361D-01	.17310878	.53449837	
4	KENTUCKY	-.37413350D-01	.24269469	-.15415809	
5	MAINE	-.16048938	.19654078	-.81657035	
6	NASSAU	.41137505	.20359258	2.0205798	
7	PORTSMTH	-.94477883D-01	.21470787	-.44002990	
8	R_WHITE	.29900283	.11821113	2.5293966	RESPONDENT IS WHITE
9	R_YRS_ED	.25220634D-01	.17607891D-01	1.4323484	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.16029903D-01	.28433730D-01	.56376364	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.20740065	.10903989	1.9020621	RESPONDENT IS MARRIED
12	R_25_44	-.14857363	.11535708	-1.2879454	RESPONDENT AGE 25 - 44
13	R_45	-.63440800	.17764363	-3.5712397	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.29538247	.18733985	-1.5767200	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.60827021	.12769234	4.7635609	E:14-26 / 13
16	I_8_EN	-.23442401	.12356334	-1.8971894	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.29911207	.11499936	2.6009891	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.25836905	.20847445	1.2393319	ANY WORK IN 1982 MISSING
19	ATToMILL	.61625802D-01	.36650561	.16814423	6 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	.14655714	.94034621D-01	1.5585445	TREATMENT=1
21	I_4_BN	.23817394D-01	.10421852	.22853323	WEEKS 14-26: ANY FS $

OBSERVATIONS

C_1	= 0:	476
C_1	= 1:	362
TOTAL:		838

(-2.0) TIMES LOG LIKELIHOOD RATIO: 112.76076
DEGREES OF FREEDOM: 20

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EMPLOYED LAST WEEK

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-.88600887	.57228342	-1.5481994	
2	FLORIDA	-.81736309D-01	.29954169	-.27287123	
3	FRESNO	-.11222776	.26455770	-.42420903	
4	KENTUCKY	-.45877631D-01	.31170660	-.14718210	
5	MAINE	-.11638855	.28561954	-.40749505	
6	NASSAU	.32101332	.32185547	.99738343	
7	PORTSMTH	-.26724344	.32246720	-.82874612	
8	R_WHITE	.29868831	.11873565	2.5155739	RESPONDENT IS WHITE
9	R_YRS_ED	.26433027D-01	.17741606D-01	1.4898892	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.13793027D-01	.28895546D-01	.47734094	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.19840066	.10938441	1.8055396	RESPONDENT IS MARRIED
12	R_25_44	-.15558823	.11672781	-1.3329148	RESPONDENT AGE 25 - 44
13	R_45	-.66562832	.18097043	-3.6781055	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.27925626	.18833011	-1.4828019	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.62428954	.12925250	4.8299996	E:14-26 / 13
16	I_6_BN	-.21971536	.12507130	-1.7567208	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.30769539	.11598411	2.6529099	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.28928521	.21002875	1.3773601	ANY WORK IN 1982 MISSING
19	ATT6MILL	-.56183166D-01	.38336869	-.14655126	6 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	.47893209	.24234828	1.9762141	
21	T_FRESNO	.41069404	.21849825	1.8796216	
22	T_KENTUC	-.95594984D-01	.20230519	-.47136360	
23	T_MAINE	-.11587495	.24013230	-.48253323	
24	T_NASSAU	.15293597	.32945576	.46420791	
25	T_PORTSM	.32296878	.35182090	.91799203	
26	T_SDIEGO	.12475834D-01	.24896548	.50110699D-01	
27	I_4_BN	.12659730D-01	.10560483	.11987832	WEEKS 14-26: ANY FS $

OBSERVATIONS

C_1	= 0:	476
C_1	= 1:	362
TOTAL:		838

(-2.0) TIMES LOG LIKELIHOOD RATIO: 119.39668
DEGREES OF FREEDOM: 26

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EMPLOYED LAST WEEK

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-.98079304	.52650105	-1.8628511	
2	FLORIDA	-.20791001	.19911282	-1.0441819	
3	FRESNO	-.15148354	.17011575	-.89047335	
4	KENTUCKY	-.40712583	.24337174	-1.6728558	
5	MAINE	-.46904064	.20716689	-2.2640714	
6	NASSAU	.15793628	.18613329	.84851175	
7	FORTSMTH	-.41852981	.19075408	-2.1940805	
8	R_WHITE	.14453707	.11753034	1.2297852	RESPONDENT IS WHITE
9	R_YRS_ED	.45076273D-01	.17476678D-01	2.5792243	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.18247417D-01	.30330214D-01	-.60162508	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.92129743D-01	.11269283	-.81752979	RESPONDENT IS MARRIED
12	R_25_44	-.41987924D-01	.14066805	-.29848942	RESPONDENT AGE 25 - 44
13	R_45	-.13182923	.17970967	-.73356780	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.45245476	.22441854	-2.0161202	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	1.0411398	.12844849	8.1055042	E:14-26 / 13
16	I_8_BN	.25935987D-02	.12175787	.21301282D-01	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.54221481	.10818274	5.0120269	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.18686779D-01	.22655094	.82483783D-01	ANY WORK IN 1982 MISSING
19	ATT6MILL	-.17416506	.43449707	-.40084289	6 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	.11084064	.97325515D-01	1.1388652	TREATMENT=1
21	I_4_BN	-.72056535D-01	.10163796	-.70895297	WEEKS 14-26: ANY FS $

OBSERVATIONS

C_1	= 0:	600
C_1	= 1:	345
TOTAL:		945

(-2.0) TIMES LOG LIKELIHOOD RATIO: 248.40629
DEGREES OF FREEDOM: 20

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<26WEEK17>=====> EARNINGS/FS REGRESSIONS/PROBITS <=====
>>> FEMALES <<<
EMPLOYED LAST WEEK

21:46 TUESDAY, NOVEMBER 13, 1984

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.0613876	.57251219	-1.8539126	
2	FLORIDA	-.48075003D-01	.31846348	-.15095923	
3	FRESNO	.78966681D-01	.28882396	.27340765	
4	KENTUCKY	-.26876945	.34807260	-.77216492	
5	MAINE	-.13543234	.32690134	-.41429117	
6	NASSAU	.40526898	.31175446	1.2999621	
7	PORTSMTH	.66341518D-01	.30991236	.21406541	
8	R_WHITE	.14290008	.11791388	1.2119021	RESPONDENT IS WHITE
9	R_YRS_ED	.46996179D-01	.17628957D-01	2.6658513	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.20612444D-01	.30431437D-01	-.67734048	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.10542071	.11329819	-.93047121	RESPONDENT IS MARRIED
12	R_25_44	-.49928256D-01	.14198485	-.35164494	RESPONDENT AGE 25 - 44
13	R_45	-.16599496	.18227107	-.91070385	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.41879015	.22590537	-1.8538300	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	1.0427509	.12882161	8.0945340	E:14-26 / 13
16	I_8_BN	.13965590D-01	.12263472	.11387957	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.55531902	.10882188	5.1030090	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.29482575D-02	.22735669	-.12967542D-01	ANY WORK IN 1982 MISSING
19	ATTRMILL	-.40300912	.46870660	-.85983240	6 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	.17446469	.23516762	.74187377	
21	T_FRESNO	.19676698	.23905815	.82034726	
22	T_KENTUC	.17495746	.23742906	.73688311	
23	T_MAINE	-.81350505D-01	.28161949	-.28886674	
24	T_NASSAU	.11539023	.28787282	.40083754	
25	T_PORTSM	-.29796812	.26978486	-1.1044657	
26	T_SDIEGO	.46504764	.26297425	1.7684151	
27	I_4_BN	-.73522409D-01	.10251530	-.71718477	WEEKS 14-26: ANY FS $

OBSERVATIONS

C_1	= 0:	600
C_1	= 1:	345
TOTAL:		945

(-2.0) TIMES LOG LIKELIHOOD RATIO: 253.01569
DEGREES OF FREEDOM: 26

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>>> MALES <<<

ANY FS INCOME 2 MONTHS AFTER APPLICATION

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	1.2989094	.54277999	2.3930679	
2	FLORIDA	-.52119173D-01	.17906295	-.29106621	
3	FRESNO	.30345171	.16340581	1.8570435	
4	KENTUCKY	.54519455	.27978590	1.9486134	
5	MAINE	.23314231	.15854034	1.4705551	
6	NASSAU	.32718439	.18881482	1.7328321	
7	PORTSMTH	.57368870	.20065253	2.8591152	
8	R_WHITE	-.82750127D-01	.10747112	-.76997550	RESPONDENT IS WHITE
9	R_YRS_ED	.56779332D-02	.18022925D-01	.31503949	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.64641803D-01	.29131241D-01	2.2189856	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.67376777D-01	.11000952	.61246315	RESPONDENT IS MARRIED
12	R_25_44	-.14474985	.11093283	-1.3048423	RESPONDENT AGE 25 - 44
13	R_45	.18255018	.17407340	1.0486966	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.22192497	.16913471	-1.3121196	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.22276773	.12571039	1.7720709	E:14-26 / 13
16	I_8_PN	.27690956	.12624363	2.1934537	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.11018080	.11124404	-.99044220	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.79203015D-01	.22702458	-.34887419	ANY WORK IN 1982 MISSING
19	ATTRMILL	-1.2674565	.50158911	-2.5268820	3 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	-.23663268	.93930382D-01	-2.5192347	TREATMENT=1
21	I_4_PN	.38155788	.98135739D-01	3.8880624	WEEKS 14-26: ANY FS $

OBSERVATIONS 1182

LIMITS 239

NONLIMITS 943

(-2.0) TIMES LOG LIKELIHOOD RATIO 154.67812

DEGREES OF FREEDOM 20

MODEL:	MODEL01	SSE	170.314362	F RATIO	6.65
		DFE	795	PROB>F	0.0001
DEP VAR:	FS_6_BN	MSE	0.214232	R-SQUARE	0.1434

MONTH 6: ANY FS TRANSFERS

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	1.089308	0.190802	5.7091	0.0001	
FLORIDA	1	-0.101862	0.070735	-1.4401	0.1502	
FRESNO	1	0.222052	0.061615	3.6039	0.0003	
KENTUCKY	1	-0.012881	0.086195	-0.1494	0.8812	
MAINE	1	0.053967	0.069569	0.7757	0.4381	
NASSAU	1	0.035006	0.073002	0.4795	0.6317	
PORTSMTH	1	0.155618	0.073132	2.1279	0.0337	
R_WHITE	1	-0.054345	0.042048	-1.2924	0.1966	RESPONDENT IS WHITE
R_YRS_ED	1	-0.010569	0.006189616	-1.7076	0.0831	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.00622859	0.010165	-0.6128	0.5402	# MEMBERS IN HOUSEHOLD
R_MARRD	1	0.011388	0.039166	0.2906	0.7714	RESPONDENT IS MARRIED
R_25_44	1	0.016432	0.041445	0.3965	0.6919	RESPONDENT AGE 25 - 44
R_45	1	0.033231	0.061706	0.5385	0.5904	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	0.004649294	0.066327	0.0701	0.9441	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.051623	0.045863	1.1256	0.2607	E:14-26 / 13
I_8_BN	1	0.105039	0.043237	2.4294	0.0153	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	-0.055142	0.040518	-1.3609	0.1739	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-0.086878	0.073743	-1.1781	0.2391	ANY WORK IN 1982 MISSING
ATT6MILL	1	-0.491778	0.129255	-3.8047	0.0002	6 MONTH SURVEY ATTRITION MILLS RATIO
TREATMEN	1	-0.081155	0.033456	-2.4257	0.0155	TREATMENT=1
I_4_BN	1	0.142747	0.037286	3.8285	0.0001	WEEKS 14-26: ANY FS $

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<3MONTH17>=====> EARNINGS/FS REGRESSIONS/PROBITS <=====> 16:32 FRIDAY, JUN 22, 19[illegible]

>>> FEMALES <<<

ANY FS INCOME 2 MONTHS AFTER APPLICATION

	COEFFICIENT	MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	1.7045921	.53107956	3.2096738	
2	FLORIDA	.104134630-01	.18434009	.563376860-01	
3	FRESNO	.41213609	.17167866	2.4006251	
4	KENTUCKY	.21786070	.27843000	.78245568	
5	MAINE	.38513949	.18443518	2.0882105	
6	NASSAU	-.200940930-02	.17116464	-.117396280-01	
7	PORTSMTH	.78774837	.21676272	3.6341506	
8	R_WHITE	-.15060029	.11287076	-1.3342719	RESPONDENT IS WHITE
9	R_YRS_ED	-.786806590-02	.172130010-01	-.45710019	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.141162320-01	.315500820-01	.44742299	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.13633710	.11225331	-1.2145486	RESPONDENT IS MARRIED
12	R_25_44	.16372685	.13109398	1.2489272	RESPONDENT AGE 25 - 44
13	R_45	.11604666	.17299179	.67082175	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.10969546	.20357954	-.53883343	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	-.12139016	.12714600	-.95473050	E:14-26 / 13
16	I_8_BN	.924496810-01	.12686248	.72873932	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.10092849	.10981238	-.91909940	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.39110652	.20613681	-1.8973153	ANY WORK IN 1982 MISSING
19	ATT3MILL	-1.7952403	.61209792	-2.9329299	3 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	-.11954818	.992504220-01	-1.2045105	TREATMENT=1
21	I_4_BN	.32289285	.987683900-01	3.2691922	WEEKS 14-26: ANY FS $

OBSERVATIONS 1176

LIMITS 209

NONLIMITS 967

(-2.0) TIMES LOG LIKELIHOOD RATIO 135.08044

DEGREES OF FREEDOM 20

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ANY FS INCOME 2 MONTHS AFTER APPLICATION

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	1.0706405	.53442192	2.0033619	
2	FLORIDA	.15253882	.19397585	.78638045	
3	FRESNO	.57309371	.16781072	3.4151199	
4	KENTUCKY	.10610702	.24548538	.43223354	
5	MAINE	.11901899	.20498262	.58062965	
6	NASSAU	.17493056	.18765163	.93220910	
7	PORTSMTH	1.1284464	.21924880	5.1468760	
8	R_WHITE	-.19479436	.11755185	-1.6570931	RESPONDENT IS WHITE
9	R_YRS_ED	-.22438564D-01	.17564171D-01	-1.2775191	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.20487997D-01	.30838131D-01	-.66437219	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.16451329	.11243877	-1.4631366	RESPONDENT IS MARRIED
12	R_25_44	.36357213	.14473173	2.5120417	RESPONDENT AGE 25 - 44
13	R_45	.26291668	.18302116	1.4365371	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.55515780D-01	.22835389	.24311292	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	-.23079568	.13405702	-1.7216233	E:14-26 / 13
16	I_8_BN	.21212724	.12629065	1.6796749	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.15912885	.11249306	-1.4145659	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.54394839D-01	.23729174	-.22923191	ANY WORK IN 1982 MISSING
19	ATT6MILL	-.91381203	.45202800	-2.0215828	6 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	-.43732024	.99919069D-01	-4.3767446	TREATMENT=1
21	I_4_BN	.42209612	.10008075	4.2175555	WEEKS 14-26: ANY FS $

OBSERVATIONS

FS_6_BN = 0: 308
FS_6_BN = 1: 612
TOTAL: 920

(-2.0) TIMES LOG LIKELIHOOD RATIO: 194.94547
DEGREES OF FREEDOM: 20

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ANY FS INCOME 2 MONTHS AFTER APPLICATION

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	1.4370125	.57974652	2.4786910	
2	FLORIDA	-.36725522	.28161899	-1.3040854	
3	FRESNO	.79093126D-01	.26782365	.29531793	
4	KENTUCKY	.16467837	.35965557	.45787799	
5	MAINE	-.14789242	.24817465	-.59592071	
6	NASSAU	.49028884D-01	.31128268	.15750598	
7	PORTSMTH	.14717472	.31120545	.47291821	
8	R_WHITE	-.75246377D-01	.10828043	-.69492133	RESPONDENT IS WHITE
9	R_YRS_ED	.56965634D-02	.18113069D-01	.31450018	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.65748211D-01	.29615896D-01	2.2200312	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.79320382D-01	.11134867	.71236038	RESPONDENT IS MARRIED
12	R_25_44	-.14154780	.11198053	-1.2640394	RESPONDENT AGE 25 - 44
13	R_45	.21779127	.17819142	1.2222321	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.20710601	.16972645	-1.2202341	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.21131505	.12669020	1.6677669	E:14-26 / 13
16	I_8_BN	.27643592	.12699635	2.1767233	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.95732475D-01	.11189933	-.85557680	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.59534827D-01	.22947141	-.25508549	ANY WORK IN 1982 MISSING
19	ATTRHILL	-1.1341676	.54000543	-2.1002892	3 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	-.13748757	.24830640	-.55370129	
21	T_FRESNO	-.36770785	.20668070	-1.7791107	
22	T_KENTUC	.10114096D-01	.29959031	.33759757D-01	
23	T_MAINE	-.45828607D-01	.20203640	-.22683342	
24	T_NASSAU	-.24801752	.32983094	-.75195348	
25	T_PORTSM	.42983757D-01	.34354894	.12511687	
26	T_SDIEGO	-.63740352	.21842131	-2.9182295	
27	I_4_BN	.39444290	.10005336	3.9423254	WEEKS 14-26: ANY FS $

OBSERVATIONS 1182

LIMITS 239

NONLIMITS 943

(-2.0) TIMES LOG LIKELIHOOD RATIO 161.01830

DEGREES OF FREEDOM 26

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ANY FS INCOME 2 MONTHS AFTER APPLICATION

	COEFFICIENT	MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	2.0868579	.58672634	3.5567823	
2	FLORIDA	-.76589910	.30232540	-2.5333601	
3	FRESNO	.28415601	.26808617	1.0599428	
4	KENTUCKY	-.31696089	.32106369	-.98722123	
5	MAINE	-.27146307	.28648857	-.94755288	
6	NASSAU	-.23385215	.32677020	-.71564710	
7	PORTSMTH	.11887415	.31878091	.37290236	
8	R_WHITE	-.15544799	.12013220	-1.2939744	RESPONDENT IS WHITE
9	R_YRS_ED	-.31100018D-01	.18377844D-01	-1.6922561	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.19677205D-01	.29280531D-01	-.67202350	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.31056469D-01	.11224720	.27667922	RESPONDENT IS MARRIED
12	R_25_44	.39018246D-01	.11903158	.32779742	RESPONDENT AGE 25 - 44
13	R_45	.97101600D-01	.18283532	.53108776	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.52182216D-01	.18839520	.27698272	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.15096866	.13249524	1.1394270	E:14-26 / 13
16	I_8_BN	.31606561	.12859302	2.4578754	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.13140229	.11631392	-1.1297211	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.21249698	.21825284	-.97362757	ANY WORK IN 1982 MISSING
19	ATT6MILL	-1.4931624	.39653113	-3.7655616	6 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	.23926026D-01	.24230776	.98742300D-01	
21	T_FRESNO	-.12449030	.22951136	-.54241457	
22	T_KENTUC	-.37186398	.21450127	-1.7336213	
23	T_MAINE	-.69996732D-01	.24262990	-.28849178	
24	T_NASSAU	-.19642073	.34175334	-.57474414	
25	T_PORTSM	-.18872251	.34612992	-.54523606	
26	T_SDIEGO	-.69624315	.24896098	-2.7965955	
27	I_4_BN	.39225841	.10603558	3.6993094	WEEKS 14-26: ANY FS $

OBSERVATIONS

FS_6_BN = 0: 343
FS_6_BN = 1: 473
TOTAL: 816

(-2.0) TIMES LOG LIKELIHOOD RATIO: 131.32447
DEGREES OF FREEDOM: 26

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ANY FS INCOME 2 MONTHS AFTER APPLICATION

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	2.1368613	.57421452	3.7213641	
2	FLORIDA	-.23486052	.31290673	-.75057675	
3	FRESNO	.10338270	.28187560	.36676711	
4	KENTUCKY	-.42782994D-01	.36925538	-.11586288	
5	MAINE	.21161357	.30535806	.69300142	
6	NASSAU	-.42012735	.29323998	-1.4327083	
7	PORTSMTH	1.1538368	.46771381	2.4669719	
8	R_WHITE	-.16536157	.11391167	-1.4516649	RESPONDENT IS WHITE
9	R_YRS_ED	-.56036938D-02	.17312493D-01	-.32367919	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	.12094409D-01	.31893272D-01	.37921505	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.13662075	.11351112	-1.2035892	RESPONDENT IS MARRIED
12	R_25_44	.16008439	.13286132	1.2048983	RESPONDENT AGE 25 - 44
13	R_45	.75128949D-01	.17641142	.42587350	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.13963381	.20601413	-.67778757	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	-.13137003	.12827242	-1.0241486	E:14-26 / 13
16	I_8_BN	.92639531D-01	.12810010	.72318078	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.10724477	.11066227	-.96911773	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.39078428	.20722131	-1.8858305	ANY WORK IN 1982 MISSING
19	ATT3MILL	-2.1674074	.66012052	-3.2833510	3 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	-.11167335	.24965770	-.44730585	
21	T_FRESNO	.20257273	.21899245	.92502153	
22	T_KENTUC	-.19280228	.27903522	-.69096038	
23	T_MAINE	-.17564683	.25720140	-.68291552	
24	T_NASSAU	.25880572	.26832400	.96452691	
25	T_PORTSM	-.90135400	.46247435	-1.9489816	
26	T_SDIEGO	-.36214963	.24761826	-1.4625320	
27	I_4_BN	.30603714	.99649030D-01	3.0711502	WEEKS 14-26: ANY FS $

OBSERVATIONS 1176

LIMITS 209

NONLIMITS 967

(-2.0) TIMES LOG LIKELIHOOD RATIO 143.81247

DEGREES OF FREEDOM 26

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COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	1.1891722	.56931686	2.0887704	
2	FLORIDA	-.17159057	.30171731	-.56871303	
3	FRESNO	.52519555	.28428858	1.8474029	
4	KENTUCKY	.86345173D-01	.33981825	.25409222	
5	MAINE	.12510827	.31753512	.39399819	
6	NASSAU	.14895180	.32183312	.46282310	
7	PORTSMTH	.82688433	.34951243	2.3658224	
8	R_WHITE	-.19608792	.11782989	-1.6641611	RESPONDENT IS WHITE
9	R_YRS_ED	-.21879306D-01	.17652403D-01	-1.2394520	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.21709487D-01	.31012262D-01	-.70002912	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.15483930	.11297442	-1.3705696	RESPONDENT IS MARRIED
12	R_25_44	.34879923	.14578007	2.3926400	RESPONDENT AGE 25 - 44
13	R_45	.26827020	.18481920	1.4515278	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.50900830D-01	.23073126	.22060656	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	-.22633261	.13493813	-1.6773066	E:14-26 / 13
16	I_8_BN	.20471766	.12743863	1.6064019	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.15974429	.11289508	-1.4149800	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.59626619D-01	.23918793	-.24928774	ANY WORK IN 1982 MISSING
19	ATT6MILL	-.93886641	.47848859	-1.9621501	6 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	-.82404089D-01	.22510019	-.36607739	
21	T_FRESNO	-.52173404	.24158203	-2.1596558	
22	T_KENTUC	-.56628861	.23518234	-2.4078705	
23	T_MAINE	-.60624983	.27687369	-2.1896260	
24	T_NASSAU	-.54531161	.30774851	-1.7719391	
25	T_PORTSM	-.10680796	.36220474	-.29488283	
26	T_SDIEGO	-.56986644	.24934843	-2.2854222	
27	I_4_BN	.41859880	.10083796	4.1512026	WEEKS 14-26: ANY FS $

OBSERVATIONS

FS_6_BN = 0: 308
FS_6_BN = 1: 612
TOTAL: 920

(-2.0) TIMES LOG LIKELIHOOD RATIO: 199.58674
DEGREES OF FREEDOM: 26

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>>> MALES <<<

SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.8165557	.62845767	-2.8904982	
2	FLORIDA	.26030159	.19757671	1.3174710	
3	FRESNO	-.18732124	.18768628	-.99805505	
4	KENTUCKY	.558422610-01	.31333210	.17822068	
5	MAINE	-.23236319	.18359741	-1.2320593	
6	NASSAU	-.15708941	.20961723	-.74941078	
7	FORTSMTH	-.86960697	.28131487	-3.0912229	
8	R_WHITE	-.176816510-02	.12251145	-.144326520-01	RESPONDENT IS WHITE
9	P_YRS_ED	-.317516180-01	.205711930-01	-1.5434991	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.316418130-01	.320001140-01	-.98880314	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.21326066	.12669902	-1.6832069	RESPONDENT IS MARRIED
12	P_25_44	.793385120-02	.12316571	.644160730-01	RESPONDENT AGE 25 - 44
13	P_45	-.28150153	.19947317	-1.4183354	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.434502550-01	.19968984	.21758871	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.827605730-02	.14294217	.578979410-01	E:14-26 / 13
16	I_8_PN	.20700375	.12785547	1.6190449	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.12605392	.12075445	-1.0438863	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.40850180	.26965317	-1.5148875	ANY WORK IN 1982 MISSING
19	ATTMILL	1.1407746	.57585308	1.9810168	3 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	.82099558	.12319856	6.6640033	TREATMENT=1
21	I_4_PN	-.853349140-01	.11258495	-.75796021	WEEKS 14-26: ANY FS $

OBSERVATIONS 1170

LIMITS 1021

NONLIMITS 149

(-2.0) TIMES LOG LIKELIHOOD RATIO 114.98119

DEGREES OF FREEDOM 20

<3MONTH24/3MONTH17>===> EARNINGS/FS REGRESSIONS/PROBITS <=== 29
>>> MALES <<< 14:46 WEDNESDAY, JULY 25, 1984
SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-2.0588189	.68187361	-3.0193556	
2	FLORIDA	.32707037	.37869426	.86367924	
3	FRESNO	.88059466D-01	.33790415	.26060190	
4	KENTUCKY	-1.3961538	1.3902325	-1.0115352	
5	MAINE	-.34807970	.40140652	-.86715010	
6	NASSAU	.33645199	.38133598	.88225176	
7	PORTSMTH	-2.0270458	1.7050094	-1.1889774	
8	R_WHITE	.77536970D-03	.12299153	.63042500D-02	RESPONDENT IS WHITE
9	R_YRS_ED	-.30944300D-01	.20735260D-01	-1.4923517	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.29303927D-01	.32855909D-01	-.89189214	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.20784580	.12900293	-1.6111789	RESPONDENT IS MARRIED
12	R_25_44	.14044769D-01	.12555585	.11186072	RESPONDENT AGE 25 - 44
13	R_45	-.26633482	.20246085	-1.3154880	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.43856673D-01	.20076050	.21845269	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.47546058D-02	.14528066	.32726588D-01	E:14-26 / 13
16	I_8_BN	.20879198	.12962118	1.6107860	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.13488667	.12226660	-1.1032177	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.37521096	.27162066	-1.3813786	ANY WORK IN 1982 MISSING
19	ATT3MILL	1.3179044	.60974428	2.1614052	3 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	.86301023	.30128965	2.8643873	
21	T_FRESNO	.46623457	.23899319	1.9508278	
22	T_KENTUC	2.5164344	1.3451770	1.8707088	
23	T_MAINE	1.0699953	.33086409	3.2339420	
24	T_NASSAU	.19153001	.36220594	.52878761	
25	T_PORTSM	2.1559991	1.7059067	1.2638435	
26	T_SDIEGO	.90657658	.28327468	3.2003446	
27	I_4_EN	-.72137342D-01	.11514268	-.62650394	WEEKS 14-26: ANY FS $

OBSERVATIONS 1170

LIMITS 1021

NONLIMITS 149

(-2.0) TIMES LOG LIKELIHOOD RATIO 126.21250

DEGREES OF FREEDOM 26

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>>> FEMALES <<<

SANCTIONED CR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-2.5361632	.59053305	-4.3793708	
2	FLORIDA	.65227358D-01	.20302619	.32127558	
3	FRESNO	-.48055125	.19476848	-2.4672948	
4	KENTUCKY	.14991363	.30350530	.48593457	
5	MAINE	-.22845300	.20619617	-1.1079401	
6	NASSAU	-.22109459	.19912087	-1.1103537	
7	PORTSMTH	-.64948635	.23735402	-2.7306090	
8	R_WHITE	.41036319D-02	.12695058	.32324642D-01	RESPONDENT IS WHITE
9	R_YRS_ED	.16331913D-01	.19706016D-01	.82877803	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.12756635D-01	.34772376D-01	-.36686125	# MEMBERS IN HOUSEHOLD
11	R_MARTD	.11295899	.12626537	.89461577	RESPONDENT IS MARRIED
12	R_25_44	-.10112080	.14591231	-.68930721	RESPONDENT AGE 25 - 44
13	[illegible]	[illegible]	[illegible]	[illegible]	RESPONDENT AGE 45 OR OVER

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<3MONTH24/3MONTH17>===> EARNINGS/FS REGRESSIONS/PROBITS <===

>>> FEMALES <<<

14:46 WEDNESDAY, JULY 25, 1984

SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-2.8092170	.63842215	-4.4002499	
2	FLORIDA	.27062664	.35707271	.75790347	
3	FRESNO	-.40368121	.33691358	-1.1981743	
4	KENTUCKY	-.23801969	.50844187	-.46813549	
5	MAINE	-.57918105	.41[illegible]6379	-1.3807653	
6	NASSAU	-.16960091	.38170309	-.44432678	
7	FORTSMTH	-1.9415273	.97319297	-1.9950375	
8	R_WHITE	.86470773D-02	.12779225	.67665116D-01	RESPONDENT IS WHITE
9	R_YRS_ED	.13252056D-01	.19935313D-01	.66475284	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.97290682D-02	.35261934D-01	-.27590852	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.12304166	.12790342	.96198881	RESPONDENT IS MARRIED
12	R_25_44	-.83464265D-01	.14956429	-.55804942	RESPONDENT AGE 25 - 44
13	R_45	.54134347D-01	.19450921	.27831251	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.68930452D-01	.23383799	-.29477868	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.16390017	.14440245	1.1350235	E:14-26 / 13
16	I_8_BN	.20076327D-01	.14096923	.14241637	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.36083997D-01	.12460835	.28957928	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.15551147	.24534513	.63384779	ANY WORK IN 1982 MISSING
19	ATT3MILL	2.3999594	.73024357	3.2865190	3 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	.23117594	.27773890	.83234990	
21	T_FRESNO	.16495080	.25781836	.63979462	
22	T_KENTUC	1.1058649	.42314368	2.6134502	
23	T_MAINE	.92748763	.36461195	2.5437664	
24	T_NASSAU	.33278769	.35087495	.94845098	
25	T_FORTSM	1.9206344	.96196504	1.9965740	
26	T_SDIEGO	.41749767	.28259664	1.4773625	
27	I_4_BN	-.76971403D-01	.11411709	-.67449498	WEEKS 14-26: ANY FS $

OBSERVATIONS 1172

LIMITS 1040

NONLIMITS 132

(-2.0) TIMES LOG LIKELIHOOD RATIO 93.368980

DEGREES OF FREEDOM 26

<26WEEK17>=====> EARNINGS/FS REGRESSIONS/PROBITS <=====

>>> MALES <<<

21:46 TUESDAY, NOVEMBER 13, 1984

SANCTIONED OR APPLICATION DENIED (RAL)

	COEFFICIENT	MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.0295172	.62900349	-1.6367432	
2	FLORIDA	.33415281	.22166743	1.5074511	
3	FRESNO	-.13304734	.19295075	-.68954041	
4	KENTUCKY	.30668041	.28421215	1.0790545	
5	MAINE	-.23144930D-01	.22986436	-.10068951	
6	NASSAU	.48794152D-01	.22275906	.21904452	
7	PORTSMTH	-1.0161210	.30349908	-3.3480201	
8	R_WHITE	-.25624035	.13474612	-1.9016529	RESPONDENT IS WHITE
9	R_YRS_ED	-.41059309D-01	.20429844D-01	-2.0097710	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.39447955D-01	.32596715D-01	-1.2101819	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.23943289	.12773165	-1.8744993	RESPONDENT IS MARRIED
12	R_25_44	-.21126989	.12900958	-1.6376295	RESPONDENT AGE 25 - 44
13	R_45	-.19789435	.19812854	-.99881796	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.82914423D-01	.21809483	-.38017601	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	-.20543156	.15199390	-1.3515777	E:14-26 / 13
16	I_8_BN	.16575028	.14008061	1.1832493	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.21100666D-01	.12902904	-.16353424	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.28052878	.25404150	-1.1042636	ANY WORK IN 1982 MISSING
19	ATT6MILL	.82265193	.42874751	1.9187329	6 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	.71580186	.11768092	6.0825652	TREATMENT=1
21	I_4_BN	-.96372349D-01	.12070744	-.79839610	WEEKS 14-26: ANY FS $

OBSERVATIONS

D_4	= 0:	661
D_4	= 1:	168
TOTAL:		829

(-2.0) TIMES LOG LIKELIHOOD RATIO: 100.95346

DEGREES OF FREEDOM: 20

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<26WEEK17>=====> EARNINGS/FS REGRESSIONS/PROBITS <=====
>>> MALES <<<
21:46 TUESDAY, NOVEMBER 13, 1984
SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.1887852	.68116342	-1.7452276	
2	FLORIDA	.44656178	.38050761	1.1735949	
3	FRESNO	.27368929	.32326348	.84664464	
4	KENTUCKY	.92111649D-01	.44405232	.20743423	
5	MAINE	-.19510744	.42981224	-.45393644	
6	NASSAU	.42894884	.38701840	1.1083423	
7	PORTSMTH	-.88807845	.54242662	-1.6372324	
8	R_WHITE	-.25346689	.13564482	-1.8658561	RESPONDENT IS WHITE
9	R_YRS_ED	-.40365875D-01	.20624069D-01	-1.9572217	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.41401871D-01	.33317906D-01	-1.2426312	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.22610908	.12991704	-1.7404113	RESPONDENT IS MARRIED
12	R_25_44	-.22681083	.13142068	-1.7258383	RESPONDENT AGE 25 - 44
13	R_45	-.20342893	.20168448	-1.0086494	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.69356305D-01	.21874045	-.31707124	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	-.22031029	.15453749	-1.4256106	E:14-26 / 13
16	I_8_BN	.16829746	.14213703	1.1840507	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.38081995D-01	.13094915	-.29081513	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.31099500	.25610859	-1.2143091	ANY WORK IN 1982 MISSING
19	ATT6MILL	.86870520	.44833214	1.9376376	6 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	.74822304	.27961696	2.6758858	
21	T_FRESNO	.20307843	.24511879	.82848985	
22	T_KENTUC	1.1942104	.31341541	3.8103117	
23	T_MAINE	1.1112431	.36209081	3.0689625	
24	T_NASSAU	.29974974	.36838311	.81369024	
25	T_PORTSM	.70389534	.57300280	1.2284326	
26	T_SDIEGO	.88276967	.30079715	2.9347674	
27	I_4_BN	-.90061195D-01	.12327364	-.73057950	WEEKS 14-26: ANY FS $

OBSERVATIONS

D_4 = 0: 661
D_4 = 1: 168
TOTAL: 829

(-2.0) TIMES LOG LIKELIHOOD RATIO: 110.90339
DEGREES OF FREEDOM: 26

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SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.5274438	.58190406	-2.6249066	
2	FLORIDA	-.11183437	.21460015	-.52112905	
3	FRESNO	-.29369542	.18259860	-1.6084210	
4	KENTUCKY	-.10368890	.27097577	-.38265007	
5	MAINE	-.27555597	.22938045	-1.2013054	
6	NASSAU	.57745562D-01	.19235902	.30019679	
7	FORTSMTH	-.90102940	.24561348	-3.6684852	
8	R_WHITE	-.79700557D-01	.12758809	-.62467083	RESPONDENT IS WHITE
9	R_YRS_ED	.23001603D-01	.19906761D-01	1.1554669	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.48685955D-01	.35980856D-01	-1.3531072	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.91100243D-01	.13006076	-.70044372	RESPONDENT IS MARRIED
12	R_25_44	.60255160D-02	.15783660	.38175658D-01	RESPONDENT AGE 25 - 44
13	R_45	.26067908D-01	.20166112	.12926591	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.74478392D-01	.23327420	.31927403	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.46970818D-01	.14685447	.31984602	E:14-26 / 13
16	I_8_DN	.36748367D-01	.13799578	.26630066	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.10443380D-01	.12555027	.83180869D-01	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.32853975	.23984589	1.3697952	ANY WORK IN 1982 MISSING
19	ATT6MILL	.72570077	.48890005	1.4843540	6 MONTH SURVEY ATTRITION MILLS RATIO
20	TREATMEN	.38315302	.11695640	3.2760331	TREATMENT=1
21	I_4_DN	-.20211296	.11280748	-1.7916627	WEEKS 14-26: ANY FS $

OBSERVATIONS

D_4	= 0:	800
D_4	= 1:	147
TOTAL:		947

(-2.0) TIMES LOG LIKELIHOOD RATIO: 74.288171
DEGREES OF FREEDOM: 20

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SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.8829230	.63106100	-2.9837416	
2	FLORIDA	.12176159	.34878997	.34909716	
3	FRESNO	-.11162039	.30808509	-.36230376	
4	KENTUCKY	-.56343089	.48990723	-1.1500767	
5	MAINE	-.67860595	.42919238	-1.5811230	
6	NASSAU	.29501291	.33476826	.88124516	
7	PORTSMTH	-2.2206334	.98119496	-2.2631929	
8	R_WHITE	-.76314930D-01	.12886614	-.59220310	RESPONDENT IS WHITE
9	R_YRS_ED	.19227161D-01	.20178742D-01	.95284243	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.37077917D-01	.36508123D-01	-1.015[illegible]3	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.10671873	.13225887	-.80689278	RESPONDENT IS MARRIED
12	R_25_44	.68189981D-02	.16121018	.42298806D-01	RESPONDENT AGE 25 - 44
13	R_45	.81064740D-01	.20506287	.39531652	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.52776400D-01	.23597125	.22365606	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.53756200D-01	.14880621	.36124971	E:14-26 / 13
16	I_8_BN	.10859087D-01	.14079712	.77125777D-01	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.87532998D-02	.12744255	.68684280D-01	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.37554509	.24653268	1.5233075	ANY WORK IN 1982 MISSING
19	ATT6MILL	1.2028851	.51968547	2.3146406	6 MONTH SURVEY ATTRITION MILLS RATIO
20	T_FLORID	.13996770	.26557232	.52704175	
21	T_FRESNO	-.97064504D-01	.26030430	-.37288859	
22	T_KENTUC	1.1308038	.40919694	2.7634709	
23	T_MAINE	.98193504	.38831577	2.5287024	
24	T_NASSAU	-.51925665D-01	.30378765	-.17092750	
25	T_PORTSM	1.8726568	.97596258	1.9187793	
26	T_SDIEGO	.31886670	.27490840	1.1599016	
27	I_4_BN	-.17453894	.11454244	-1.5237928	WEEKS 14-26: ANY FS $

OBSERVATIONS

D_4 = 0: 800
D_4 = 1: 147
TOTAL: 947

(-2.0) TIMES LOG LIKELIHOOD RATIO: 90.282045
DEGREES OF FREEDOM: 26

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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  2342

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS     116   (  5.0 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS    2226   ( 95.0 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        2342.000000
        343.0000000
        384.0000000
        375.0000000
        362.0000000
        210.0000000
        315.0000000
        1276.000000
        24402.00000
        7525.000000
        806.0000000
        1198.000000
        596.0000000
        140.0000000
        658.0000000
        554.0000000
        1284.000000
        130.0000000
        1436.419668
        1387.000000
        1174.000000
        470478.0000


ITERATION LOG
  0  -.1000000D+48  2.467777     -.3081337D-01  .5020122     -.6111145     -.1492946     .2455867     .1847313     .1713553

-.7654904D-02  .2635205     .2889848     -.1242074     -.5213247     -.4620152D-01  .5569911D-01 -.6420504D-01  .1163724

 .1884381D-01 -3.263766     .1118838     .6344194     .2667346D-02 -.6896682D-02
  1  -14580.76     2.092189     -.1923502D-01  .4575923     -.5448817     -.1067875     -.2723101D-01  .2542832     .1740783

-.1982809D-02  .2278680     .2821743     -.7660576D-01 -.3859003     -.6012770D-02  .7721045D-01 -.4158354D-01  .1028923

-.4313411D-01 -3.038847     .7763633D-01  .6260966     .2629952D-02 -.6356328D-02
  2  -14541.34     2.099533     -.1972180D-01  .4593880     -.5473364     -.1073150     -.2925988D-01  .2548158     .1747548

-.1987689D-02  .2285845     .2830986     -.7669289D-01 -.3870982     -.6130373D-02  .7739945D-01 -.4169605D-01  .1031397

-.4362222D-01 -3.049821     .7770527D-01  .6283269     .2638621D-02 -.6375955D-02
  3  -14541.32     2.099536     -.1971985D-01  .4593864     -.5473351     -.1073153     -.2925955D-01  .2548185     .1747556

-.1987630D-02  .2285845     .2830997     -.7669346D-01 -.3870981     -.6129757D-02  .7740031D-01 -.4169439D-01  .1031409

-.4362148D-01 -3.049826     .7770653D-01  .6283292     .2638627D-02 -.6375977D-02
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THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER 3

LOG OF LIKELIHOOD FUNCTION -0.1454131573494623D+05

DEPENDENT VARIABLE=I_3
CLASS VARIABLE=CLASSFS

VARIABLE	ESTIMATE	T-STATISTIC	SE
CONSTANT	329.289	9.16404	35.9327
FLORIDA	-3.09284	-.222214	13.9183
FRESNO	72.0496	5.50103	13.0975
KENTUCKY	-85.8433	-4.38795	19.5634
MAINE	-16.8312	-1.26701	13.2842
NASSAU	-4.58903	-.322812	14.2158
PORTSMTH	39.9654	2.94920	13.5513
R_WHITE	27.4084	3.30754	8.28666
R_YRS_ED	-.311737	-.253751	1.22851
HH_SIZE	35.8509	16.3738	2.18953
R_MARRD	44.4010	5.64221	7.86943
R_25_44	-12.0285	-1.36438	8.81612
R_45	-60.7120	-5.03540	12.0570
INSCHOOL	-.961383	-.683448D-01	14.0667
C_3	12.1394	1.31862	9.20611
I_8_BN	-6.53929	-.782267	8.35941
C_10_B_I	16.1765	2.05375	7.87656
C_10_B_M	-6.84154	-.447600	15.2849
ATT3MILL	-478.331	-11.7641	40.6602
TREATMEN	12.1874	1.80537	6.75062
R_MALE	98.5463	9.64895	10.2132
I_4	.413839	24.1493	.171367D-01

ESTIMATED VARIANCE = 24598.3802
ST. ERROR = 156.838708

NEGATIVE INVERSE OF SECOND DERIVATIVES

0.524896D-01							
-0.110146D-01	0.787528D-02						
0.191409D-02	0.180986D-02	0.697377D-02					
-0.214321D-01	0.694398D-02	-0.913080D-04	0.155591D-01				
-0.837547D-02	0.405988D-02	0.185785D-02	0.607513D-02	0.717406D-02			
-0.285706D-02	0.300449D-02	0.300455D-02	0.281964D-02	0.283607D-02	0.821553D-02		
-0.825478D-02	0.419961D-02	0.244234D-02	0.487671D-02	0.327443D-02	0.322892D-02	0.746539D-02	
-0.848303D-03	0.149193D-03	0.530482D-03	-0.118294D-02	-0.123268D-02	0.265756D-03	0.846800D-03	0.279159D-02
-0.654486D-03	0.121346D-04	0.742769D-04	0.886107D-04	0.401175D-04	-0.303060D-04	0.263562D-04	-0.664706D-04
0.613556D-04							
-0.848232D-03	0.928141D-04	-0.104170D-04	0.162991D-03	0.107411D-03	-0.295438D-05	0.500023D-04	0.832948D-04
0.717660D-05	0.194893D-03						
-0.104372D-02	0.110314D-03	-0.377790D-03	-0.516807D-04	0.367952D-03	0.927276D-04	0.481953D-03	-0.202661D-03
0.515563D-04	-0.167288D-03	0.251756D-02					
-0.527080D-02	0.870702D-03	-0.416854D-03	0.202790D-02	0.945919D-03	0.155669D-03	0.599881D-03	-0.208473D-04
-0.258624D-04	0.538550D-04	-0.336287D-03	0.315972D-02				
-0.116772D-01	0.162082D-02	-0.141119D-02	0.448239D-02	0.160303D-02	-0.169319D-03	0.106172D-02	-0.101109D-03
0.100334D-03	0.210959D-03	-0.217410D-03	0.271933D-02	0.590981D-02			
-0.103179D-02	0.375541D-03	0.354617D-03	0.675913D-03	0.348969D-03	0.427806D-03	0.244184D-03	0.200586D-03
-0.317759D-04	-0.352907D-04	0.210131D-03	0.351052D-03	0.736638D-03	0.804405D-02		
-0.652737D-03	-0.423521D-03	-0.272474D-03	0.373783D-04	-0.349442D-03	-0.213240D-03	-0.554359D-05	0.196187D-03

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     -0.351284D-05   0.294205D-05   0.988192D-05   0.755619D-04   0.139821D-03   0.142201D-03   0.344545D-02
-0.869680D-03   0.227610D-03   0.153681D-03   0.119312D-03  -0.325858D-04  -0.484610D-03  -0.179894D-03   0.751410D-04
      0.178117D-04  -0.813633D-04   0.290293D-03   0.154764D-03   0.680817D-04   0.405027D-04   0.252289D-03   0.284083D-02
-0.893514D-03   0.343460D-03   0.219568D-04   0.805076D-04   0.113391D-03   0.295045D-03   0.284095D-03  -0.104605D-03
     -0.322119D-04   0.109806D-04  -0.108577D-04  -0.270048D-05   0.168424D-03   0.101343D-03  -0.107637D-02   0.205218D-03
      0.252213D-02
-0.173902D-02   0.575560D-03  -0.313705D-03  -0.186955D-03   0.205297D-03  -0.653715D-03   0.193834D-03  -0.211556D-03
      0.354434D-05   0.433440D-04   0.169976D-04   0.773554D-04   0.194611D-03  -0.668342D-04  -0.716582D-03   0.700219D-04
      0.148298D-02   0.949776D-02
-0.483345D-01   0.104669D-01  -0.845235D-02   0.243502D-01   0.696807D-02  -0.153858D-03   0.568393D-02  -0.656765D-04
     -0.743937D-04   0.349144D-03   0.955371D-03   0.455547D-02   0.106054D-01   0.387036D-04   0.274864D-03   0.710010D-04
      0.141977D-03   0.140002D-02   0.672097D-01
-0.108713D-03  -0.117457D-03   0.511539D-03  -0.489919D-03  -0.428181D-04   0.168216D-03  -0.249693D-04   0.362972D-04
      0.123356D-04  -0.234593D-05  -0.867930D-05  -0.931114D-04  -0.285819D-03  -0.314356D-04   0.124065D-05   0.326676D-04
     -0.361165D-04  -0.939283D-04  -0.178391D-02   0.185260D-02
 0.798756D-02  -0.188237D-02   0.155463D-02  -0.440483D-02  -0.140582D-02   0.146543D-03  -0.792369D-03   0.401164D-04
      0.197403D-04  -0.602097D-04  -0.324731D-03  -0.750551D-03  -0.153281D-02  -0.600902D-04   0.122755D-03  -0.949967D-04
     -0.517021D-03  -0.739267D-03  -0.124275D-01   0.405449D-03   0.424047D-02
-0.484806D-05   0.343592D-07  -0.953462D-06   0.181943D-05   0.617106D-07  -0.185032D-06  -0.424673D-06   0.238887D-06
      0.310921D-07  -0.237829D-06   0.326757D-06   0.401992D-06   0.730816D-06   0.646183D-07   0.310016D-06  -0.961951D-06
      0.426418D-06  -0.684278D-07   0.661723D-05  -0.228847D-06  -0.131392D-05   0.119384D-07
-0.300452D-05   0.721243D-08  -0.655879D-06   0.724053D-06   0.152070D-06  -0.940576D-07  -0.344743D-06  -0.240575D-06
      0.443903D-08  -0.337979D-06  -0.399468D-06   0.118755D-06   0.566730D-06   0.286642D-07  -0.987013D-07   0.627503D-07
     -0.147431D-06   0.406217D-07   0.420681D-05  -0.133408D-06  -0.863907D-06  -0.378775D-08   0.933156D-08
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  2342

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS     116   (  5.0 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS    2226   ( 95.0 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        2342.000000
        343.0000000
        384.0000000
        375.0000000
        362.0000000
        210.0000000
        315.0000000
        1276.000000
        24402.00000
        7525.000000
        806.0000000
        1198.000000
        596.0000000
        140.0000000
        658.0000000
        554.0000000
        1284.000000
        130.0000000
        1436.419668
        202.0000000
        202.0000000
        219.0000000
        211.0000000
        123.0000000
        195.0000000
        235.0000000
        1174.000000
        470478.0000


ITERATION LOG
  0  -.1000000D+48  2.713682     -.2051361      .6044493     -.6472356     -.1515130      .9573252D-01  .3045864      .1658483

 -.6715571D-02  .2605406      .2760993     -.1480962     -.5737968     -.4159667D-01  .5072451D-01 -.6273426D-01  .1232076

  .1912387D-01 -3.644930      .3568646      .5622609D-01 -.5588217D-02  .9893081D-01  .4261747     -.9075829D-01  .1544113

  .7032296      .2617601D-02 -.6905418D-02
  1  -14576.49      2.303170     -.2008098      .5630417     -.5953836     -.1085489     -.1332025      .3513948      .1709838

 -.1015974D-02  .2254462      .2714837     -.9716132D-01 -.4297407     -.4617759D-02  .7400011D-01 -.3853009D-01  .1074032

 -.4655962D-01 -3.361434      .3354014     -.1033607D-01  .4442437D-02  .5700834D-01  .2926514     -.9269940D-01  .1066166

  .6856874      .2589175D-02 -.6369891D-02
  2  -14536.53      2.310764     -.2018101      .5654543     -.5978722     -.1090318     -.1344535      .3523789      .1716796
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-.1019602D-02  .2261427      .2723585     -.9729960D-01 -.4310554     -.4730871D-02  .7418628D-01 -.3859823D-01  .1076282

-.4713290D-01 -3.373096      .3365237     -.1080806D-01  .4486413D-02  .5724298D-01  .2915816     -.9311607D-01  .1070520

 .6880450      .2597553D-02 -.6389120D-02
  3  -14536.51      2.310766     -.2018084      .5654485     -.5978702     -.1090321     -.1344537      .3523812      .1716804

-.1019534D-02  .2261425      .2723597     -.9730008D-01 -.4310550     -.4730181D-02  .7418726D-01 -.3859646D-01  .1076293

-.4713207D-01 -3.373098      .3365243     -.1080164D-01  .4486216D-02  .5724303D-01  .2915821     -.9311534D-01  .1070519

 .6880469      .2597559D-02 -.6389140D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   3

LOG OF LIKELIHOOD FUNCTION -0.1453650731578798D+05

DEPENDENT VARIABLE=I_3
CLASS VARIABLE=CLASSFS

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT     361.671        9.36579        38.6162
FLORIDA     -31.5862       -1.47935        21.3514
FRESNO       88.5015        4.35549        20.3195
KENTUCKY    -93.5760       -3.84904        24.3115
MAINE       -17.0652       -.848801        20.1051
NASSAU      -21.0441       -.933527        22.5426
FORTSMTH     55.1532        2.65563        20.7684
R_WHITE      26.8707        3.24624        8.27747
R_YRS_ED    -.159573       -.129974        1.22773
HH_SIZE      35.3948        16.1487        2.19180
R_MARRD      42.6285        5.40649        7.88470
R_25_44     -15.2290       -1.71604        8.87450
R_45        -67.4668       -5.48148        12.3081
INSCHOOL    -.740347       -.527251D-01    14.0416
C_3          11.6115        1.26301        9.19352
I_8_BN      -6.04095       -.722589        8.36015
C_10_B_I     16.8457        2.14024        7.87094
C_10_B_M    -7.37690       -.483541        15.2560
ATT3MILL    -527.942       -11.9082        44.3345
T_FLORID     52.6713        2.92860        17.9852
T_FRESNO    -1.69063       -.104589        16.1645
T_KENTUC     .702163        .426446D-01    16.4655
T_MAINE      8.95943        .533075        16.8071
T_NASSAU     45.6371        1.99440        22.8827
T_FORTSM    -14.5740       -.778580        18.7187
T_SDIEGO     16.7553        .927242        18.0700
R_MALE       107.690        10.0665        10.6978
I_4          .406559        23.5750        .172453D-01

ESTIMATED VARIANCE =  24497.1308
          ST. ERROR =  156.515593

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.608728D-01
 -0.188877D-01   0.186096D-01
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-0.515882D-03   0.642565D-02   0.168544D-01
-0.268841D-01   0.133241D-01   0.459109D-02   0.241273D-01
-0.135685D-01   0.978588D-02   0.742532D-02   0.112948D-01   0.165005D-01
-0.943639D-02   0.894094D-02   0.848605D-02   0.896237D-02   0.859329D-02   0.207439D-01
-0.869409D-02   0.859902D-02   0.910608D-02   0.809978D-02   0.826766D-02   0.880250D-02   0.176072D-01
-0.944749D-03   0.129934D-03   0.495542D-03  -0.118081D-02  -0.122852D-02   0.320285D-03   0.692378D-03   0.279692D-02

-0.636149D-03  -0.867479D-05   0.824967D-04   0.784953D-04   0.547046D-04  -0.318593D-04   0.417879D-04  -0.666469D-04
      0.615301D-04
-0.903380D-03   0.104751D-03  -0.564731D-04   0.148603D-03   0.120571D-03   0.208282D-04  -0.106667D-04   0.853122D-04
      0.707721D-05   0.196105D-03
-0.116887D-02   0.149172D-03  -0.705784D-03  -0.635173D-04   0.181214D-03  -0.165262D-05   0.154735D-03  -0.198554D-03
      0.501343D-04  -0.164448D-03   0.253779D-02
-0.578818D-02   0.129196D-02  -0.651182D-03   0.227172D-02   0.997109D-03   0.260185D-03   0.237994D-03  -0.119540D-04
     -0.282810D-04   0.591460D-04  -0.308847D-03   0.321494D-02
-0.126529D-01   0.215919D-02  -0.212040D-02   0.461319D-02   0.151935D-02  -0.152964D-03  -0.913762D-04  -0.739027D-04
      0.955528D-04   0.225694D-03  -0.154902D-03   0.283478D-02   0.618401D-02
-0.109912D-02   0.366843D-03   0.442063D-03   0.825669D-03   0.467217D-03   0.608777D-03   0.271355D-03   0.202938D-03
     -0.314664D-04  -0.351196D-04   0.207557D-03   0.350254D-03   0.732918D-03   0.804860D-02
-0.760940D-03  -0.333674D-03  -0.318125D-03   0.118884D-03  -0.228799D-03  -0.857731D-04   0.402542D-04   0.196322D-03
     -0.342905D-05   0.406542D-05   0.121117D-04   0.816680D-04   0.149054D-03   0.144462D-03   0.345023D-02
-0.944186D-03   0.331226D-03   0.410045D-03   0.368369D-03   0.845194D-04  -0.259533D-03  -0.160251D-04   0.745716D-04
      0.178226D-04  -0.831517D-04   0.283760D-03   0.150342D-03   0.481727D-04   0.471044D-04   0.251730D-03   0.285307D-02
-0.785485D-03   0.272789D-03   0.748361D-04   0.299016D-05   0.868286D-04   0.849120D-04   0.244521D-03  -0.105619D-03
     -0.319582D-04   0.988904D-05  -0.145881D-04  -0.925775D-05   0.158066D-03   0.988166D-04  -0.108021D-02   0.203811D-03
      0.252894D-02
-0.177764D-02   0.524041D-03  -0.434559D-03  -0.237625D-03   0.964148D-04  -0.775262D-03  -0.657503D-04  -0.206981D-03
      0.293022D-05   0.449928D-04   0.257799D-04   0.896057D-04   0.229388D-03  -0.676509D-04  -0.718000D-03   0.669852D-04
      0.148456D-02   0.950092D-02
-0.552705D-01   0.143473D-01  -0.134800D-01   0.249410D-01   0.619849D-02   0.130457D-02  -0.156774D-02   0.119616D-03
     -0.107147D-03   0.455256D-03   0.138427D-02   0.533763D-02   0.124669D-01   0.109856D-04   0.354980D-03  -0.719489D-04
      0.311694D-04   0.162016D-02   0.802358D-01
 0.583453D-02  -0.867168D-02   0.166282D-02  -0.271972D-02  -0.704179D-03  -0.132322D-03   0.298881D-03   0.491380D-04
      0.462157D-04  -0.343185D-04  -0.269452D-03  -0.685706D-03  -0.134872D-02   0.115762D-03  -0.528463D-04   0.124822D-03
      0.394161D-05  -0.154951D-03  -0.917364D-02   0.132042D-01
-0.195440D-03  -0.339778D-04  -0.556345D-02  -0.417352D-04   0.311524D-04   0.309773D-04  -0.471373D-06  -0.185656D-04
      0.127023D-04   0.163773D-04   0.168161D-03   0.773379D-04  -0.911695D-04  -0.352317D-04   0.159514D-03  -0.792821D-04
     -0.171238D-03  -0.149890D-03  -0.925617D-05  -0.224584D-04   0.106662D-01
-0.628136D-03   0.107559D-03  -0.104801D-03  -0.626251D-02   0.106361D-04   0.327178D-04  -0.638085D-05   0.729940D-04
      0.173859D-04   0.460462D-04  -0.428672D-04  -0.124599D-03  -0.403802D-04  -0.164730D-03  -0.983256D-05  -0.172453D-03
     -0.214791D-04  -0.844549D-04   0.736614D-03  -0.749008D-04   0.106100D-04   0.110671D-01
 0.195823D-02  -0.421733D-03   0.404108D-03  -0.809806D-03  -0.684781D-02  -0.333617D-04   0.515850D-04  -0.133786D-04
     -0.114657D-04  -0.474155D-04   0.787367D-04  -0.126312D-03  -0.468334D-03  -0.102507D-03  -0.111618D-03   0.112232D-03
     -0.621006D-04  -0.791532D-04  -0.249297D-02   0.275271D-03   0.470077D-05  -0.415269D-04   0.115311D-01
 0.555684D-02  -0.152102D-02   0.140777D-02  -0.256657D-02  -0.602835D-03  -0.119871D-01   0.212157D-03  -0.129175D-03
      0.219809D-04  -0.835569D-04  -0.154099D-03  -0.352396D-03  -0.954347D-03  -0.208052D-03  -0.138195D-03  -0.501056D-04
      0.274187D-03  -0.952531D-04  -0.853069D-02   0.972364D-03  -0.206053D-04  -0.967835D-04   0.260591D-03   0.213746D-01
-0.566902D-02   0.146490D-02  -0.128063D-02   0.235695D-02   0.531166D-03   0.180761D-03  -0.834718D-02   0.248097D-03
     -0.104330D-04   0.737450D-04   0.292175D-03   0.526753D-03   0.124599D-02   0.530048D-04   0.117004D-04   0.348139D-04
     -0.345520D-04   0.164545D-03   0.782529D-02  -0.873761D-03   0.105976D-04   0.735151D-04  -0.227141D-03  -0.842043D-03
      0.143033D-01
-0.506788D-02   0.761845D-02   0.960735D-02   0.698004D-02   0.816684D-02   0.847966D-02   0.865731D-02  -0.276684D-04
      0.186047D-04  -0.378196D-04  -0.280712D-03  -0.166533D-03  -0.855748D-03   0.896997D-04   0.710172D-04   0.300979D-03
     -0.816861D-04  -0.277953D-03  -0.554629D-02   0.658008D-03   0.611219D-05  -0.677785D-04   0.180392D-03   0.579165D-03
     -0.547732D-03   0.133291D-01
 0.921603D-02  -0.259173D-02   0.252383D-02  -0.442201D-02  -0.123783D-02  -0.868092D-04   0.485694D-03   0.795490D-05
      0.256143D-04  -0.796354D-04  -0.402943D-03  -0.890843D-03  -0.186783D-02  -0.519718D-04   0.107489D-03  -0.651028D-04
     -0.496662D-03  -0.777947D-03  -0.147896D-01   0.180369D-02   0.271069D-04  -0.158271D-03   0.530845D-03   0.162223D-02
     -0.123137D-02   0.112818D-02   0.467172D-02
-0.568343D-05   0.706955D-06  -0.161414D-05   0.187495D-05   0.378510D-07  -0.161169D-06  -0.112827D-05   0.254052D-06
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 0.270215D-07  -0.225718D-06   0.379312D-06   0.499253D-06   0.948146D-06   0.533043D-07   0.322353D-06  -0.985805D-06
 0.415175D-06  -0.457947D-07   0.813301D-05  -0.141623D-05   0.178494D-06   0.141817D-06  -0.363743D-06  -0.705555D-06
 0.706006D-06  -0.617863D-06  -0.159388D-05   0.121403D-07
-0.330754D-05   0.248918D-06  -0.777628D-06   0.786637D-06   0.154017D-06   0.911892D-07  -0.474986D-06  -0.236159D-06
 0.314860D-08  -0.335188D-06  -0.386676D-06   0.145906D-06   0.627270D-06   0.280200D-07  -0.950765D-07   0.590921D-07
-0.154042D-06   0.463219D-07   0.466069D-05  -0.462971D-06  -0.485284D-07  -0.698436D-08  -0.940435D-07  -0.486153D-06
 0.104299D-06  -0.164525D-06  -0.947934D-06  -0.374189D-08   0.937000D-08
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  1716

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS      565   ( 32.9 PCT.)
    UPPER LIMITS        0   (  0.0 PCT.)
      NON LIMITS     1151   ( 67.1 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        1716.000000
        283.0000000
        283.0000000
        308.0000000
        218.0000000
        148.0000000
        199.0000000
        933.0000000
        17712.00000
        5691.000000
        633.0000000
        882.0000000
        471.0000000
        104.0000000
        440.4615385
        394.0000000
        905.0000000
        93.00000000
        1307.778337
        1009.000000
        884.0000000
        354253.0000


ITERATION LOG
  0  -.1000000D+48  2.455143      .5232215D-01  .3788294     -.2668971     -.2606378      .3214355      .4413776      .2570521

-.1028661D-01  .2813690      .2071497     -.3250884     -.7959781     -.2171567      .1990752     -.9116766D-01  .4032400D-01

 .7643300D-01 -2.153026      .4263691D-01  .4494368      .1177688D-02 -.8811053D-02
  1  -9121.112      1.155274     -.8093547D-01  .4775550      .7768856D-02  .4803982D-02  .2076621      .4829753     -.3582237D-01

-.1496997D-01  .9559388D-01  .8368783D-01  .1014561D-01 -.1959838     -.4566327D-01  .4768872D-01  .1043077     -.4002739D-01

-.9727583D-01 -1.426780     -.1349008      .2940267      .1166209D-02 -.4765875D-02
  2  -8126.917      1.282555     -.8591900D-01  .5679536      .4070622D-01  .3474530D-01  .2515838      .5595078     -.6075403D-01

-.1712377D-01  .1021175      .9065272D-01  .3510237D-01 -.1909342     -.4489037D-01  .4394760D-01  .1261888     -.5026129D-01

-.1291633     -1.680140     -.1637720      .3356191      .1326070D-02 -.5301158D-02
  3  -8112.330      1.291527     -.8624520D-01  .5707299      .4072434D-01  .3471960D-01  .2530513      .5624065     -.6067078D-01

-.1720169D-01  .1029554      .9127286D-01  .3496293D-01 -.1926575     -.4512666D-01  .4444997D-01  .1265886     -.5029560D-01

-.1291605     -1.689474     -.1643159      .3374493      .1333470D-02 -.5339527D-02
  4  -8112.278      1.291563     -.8624814D-01  .5707391      .4072335D-01  .3471763D-01  .2530556      .5624167     -.6067019D-01
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-.1720200D-01 .1029587 .9127517D-01 .3496207D-01 -.1926642 -.4512732D-01 .4445217D-01 .1265902 -.5029568D-01

-.1295619 -1.689509 -.1643179 .3374561 .1333501D-02 -.5339684D-02

THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER 4

CLASS VARIABLE=CLASSFS

VARIABLE	ESTIMATE	T-STATISTIC	SE
CONSTANT	241.880	4.72199	51.2242
FLORIDA	-16.1523	-.769319	20.9956
FRESNO	106.886	5.80982	18.3975
KENTUCKY	7.62655	.296416	25.7292
MAINE	6.50181	.296756	21.9096
NASSAU	47.3915	2.20188	21.5232
PORTSMTH	105.328	5.25459	20.0449
R_WHITE	-11.3621	-.914296	12.4272
R_YRS_ED	-3.22154	-1.83792	1.75282
HH_SIZE	19.2818	6.18542	3.11730
R_MARRD	17.0937	1.50552	11.3541
R_25_44	6.54759	.477335	13.7170
R_45	-36.0816	-1.96873	18.3274
INSCHOOL	-8.45131	-.399375	21.1613
C_3	8.32487	.608567	13.6795
I_8_BN	23.7074	1.95572	12.1221
C_10_B_I	-9.41922	-.814914	11.5586
C_10_B_M	-24.2640	-1.06788	22.7216
ATT6MILL	-316.406	-7.38771	42.8287
TREATMEN	-30.7730	-3.11920	9.86566

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-0.185594D-01   0.300315D-02  -0.111957D-02   0.588565D-02   0.318118D-02   0.130502D-04   0.810498D-03  -0.242638D-03
     0.185736D-03   0.361685D-03  -0.353592D-03   0.481881D-02   0.957705D-02
-0.190222D-02   0.558161D-03   0.559431D-03   0.113656D-02   0.584158D-03   0.459076D-03   0.199854D-03   0.317747D-03
    -0.454377D-04  -0.582504D-04   0.322149D-03   0.785863D-03   0.134272D-02   0.127678D-01
-0.502417D-03  -0.780216D-03  -0.384784D-03  -0.599264D-04  -0.492135D-03  -0.254275D-03   0.830375D-04   0.362773D-03
    -0.527468D-05  -0.790904D-07   0.525533D-04  -0.522942D-04  -0.115553D-04   0.310061D-03   0.533543D-02
-0.113[illegible]D-02   0.216628D-03   0.170598D-03  -0.869958D-05  -0.551851D-04  -0.830586D-03  -0.566163D-03   0.138828D-03
     0.226167D-04  -0.103313D-03   0.433593D-03   0.250532D-03   0.700107D-04   0.292193D-04   0.392826D-03   0.418976D-02
-0.149521D-02   0.553057D-03   0.108303D-03   0.177008D-04   0.596707D-05   0.353939D-03   0.381959D-03  -0.161058D-04
    -0.363621D-04   0.179644D-04  -0.799198D-04  -0.253109D-04   0.274121D-03   0.729816D-04  -0.177856D-02   0.258724D-03
     0.3[illegible]D-02
-0.302072D-02   0.959049D-03  -0.321056D-03  -0.583278D-03   0.488151D-03  -0.117993D-02   0.307157D-03  -0.219373D-03
     0.333194D-04   0.126510D-03   0.225916D-04   0.171799D-03   0.431482D-03  -0.341916D-03  -0.122088D-02  -0.221008D-04
     0.2[illegible]D-02   0.147200D-01
-0.499[illegible]D-01   0.134332D-01  -0.463467D-02   0.212419D-01   0.104547D-01   0.130326D-02   0.307703D-02   0.356659D-03
    -0.764[illegible]D-04   0.597134D-03   0.670607D-03   0.510900D-02   0.119007D-01   0.276922D-03   0.385515D-04  -0.651329D-04
     0.2[illegible]D-03   0.168584D-02   0.523000D-01
-0.129934D-03  -0.350919D-03   0.522576D-03  -0.573044D-03  -0.320101D-03   0.144454D-03   0.422299D-04  -0.694054D-04
     0.323347D-04  -0.321144D-04  -0.749177D-04  -0.190251D-03  -0.478635D-03  -0.516969D-04  -0.366167D-04   0.164962D-04
    -0.532241D-04  -0.178422D-03  -0.191246D-02   0.277513D-02
 0.105[illegible]D-01  -0.323067D-02   0.966852D-03  -0.504656D-02  -0.276355D-02  -0.199674D-03  -0.436957D-03  -0.595635D-04
     0.291195D-04  -0.155158D-03  -0.470940D-03  -0.100052D-02  -0.210712D-02  -0.201875D-03   0.178171D-03  -0.805672D-04
    -0.763014D-03  -0.116776D-02  -0.123544D-01   0.578024D-03   0.589704D-02
-0.806416D-05   0.372693D-06  -0.677480D-06   0.231456D-05   0.652916D-06   0.364984D-06  -0.915098D-06   0.362773D-06
     0.321291D-07  -0.412547D-06   0.226517D-06   0.535859D-06   0.137223D-05   0.320695D-06   0.393932D-06  -0.115756D-05
     0.552230D-06  -0.200929D-06   0.820871D-05  -0.440990D-06  -0.203978D-05   0.146524D-07
-0.332[illegible]D-05   0.222232D-06  -0.837125D-06   0.945794D-07   0.178749D-06  -0.419622D-06  -0.926851D-06  -0.770891D-07
     0.270606D-07  -0.311629D-06  -0.223779D-06   0.110959D-06   0.663734D-06   0.885190D-07  -0.208991D-06  -0.120547D-06
     0.136327D-08   0.117120D-06   0.323274D-05   0.160946D-06  -0.635750D-06  -0.277716D-08   0.142700D-07
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  1716

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS     565   ( 32.9 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS    1151   ( 67.1 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        1716.000000
        293.0000000
        283.0000000
        303.0000000
        218.0000000
        148.0000000
        139.0000000
        933.0000000
        17712.00000
        5691.000000
        633.0000000
        892.0000000
        471.0000000
        104.0000000
        430.4615385
        394.0000000
        925.0000000
        93.00000000
        1307.778337
        176.0000000
        147.0000000
        179.0000000
        133.0000000
        85.00000000
        113.0000000
        176.0000000
        804.0000000
        354253.0000


ITERATION LOG
  0  -.1000000D+48  2.408165      .1084639      .4932004     -.7589980D-02  .6983951D-01  .2887185      .5654717      .2504439

 -.7902317D-02  .2800880      .2018323     -.3195453     -.8117156     -.2137921      .1953457     -.8105327D-01  .4013560D-01

  .8758625D-01 -2.297516      .1481954      .1494004     -.2408067     -.3050754      .4000694      .6886782D-01  .3329769

  .4851383      .1165548D-02 -.8844874D-02
  1  -9147.326      1.280478     -.3023062      .3063155     -.7461187D-01 -.5178124D-01  .8942056D-01  .2764964     -.3276181D-01

 -.1439793D-01  .9610802D-01  .8757428D-01  .8917198D-02 -.1933773     -.4275790D-01  .4456360D-01  .1006339     -.3963886D-01

 -.8777836D-01 -1.491373      .2297870D-01 -.5058448D-01 -.2216427     -.2585022     -.1486365      .7500378D-02 -.3206688

  .2937984      .1161572D-02 -.4774260D-02
  2  -8122.768      1.448932     -.3678953      .3377099     -.8575675D-01 -.6080896D-01  .9929521D-01  .2906920     -.5664250D-01
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-.1689695D-01  .1033459      .9637919D-01  .3413938D-01 -.1859357     -.4249021D-01  .3930249D-01  .1208560     -.5028594D-01

-.1206819     -1.675809      .2159188D-01 -.5907257D-01 -.2509130     -.2963079     -.2058310      .7221003D-02 -.4463646

 .3323374      .1322113D-02 -.5312063D-02
  3  -8107.506      1.458655     -.3692004      .3397824     -.8584792D-01 -.6070279D-01  .1002803      .2925747     -.5664267D-01

-.1698262D-01  .1041981      .9706402D-01  .3410062D-01 -.1876018     -.4271842D-01  .3975247D-01  .1212548     -.5036664D-01

-.1211536     -1.685451      .2180160D-01 -.5913101D-01 -.2522264     -.2977805     -.2063755      .7578235D-02 -.4486947

 .3347935      .1329528D-02 -.5350649D-02
  4  -8107.454      1.458692     -.3692051      .3397907     -.8584710D-01 -.6070284D-01  .1002847      .2925827     -.5664202D-01

-.1698292D-01  .1042014      .9706641D-01  .3409985D-01 -.1876085     -.4271890D-01  .3975467D-01  .1212565     -.5036675D-01

-.1211549     -1.685486      .2180223D-01 -.5913150D-01 -.2522320     -.2977861     -.2063781      .7580143D-02 -.4486966

 .3348005      .1329560D-02 -.5350808D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.8107453592735651D+04

DEPENDENT VARIABLE=I_3
CLASS VARIABLE=CLASSFS

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT     272.612        5.00133        54.5078
FLORIDA     -68.9999       -2.23116        30.9255
FRESNO       63.5027        2.28215        27.8258
KENTUCKY    -16.0438       -.480745        33.3727
MAINE       -11.3446       -.358920        31.6077
NASSAU       18.7420        .570431        32.8558
PORTSMTH     54.6801        1.81951        30.0520
R_WHITE     -10.5857       -.851047        12.4384
R_YRS_ED    -3.17390       -1.81028        1.75326
HH_SIZE      19.4740        6.24922        3.11672
R_MARRD      18.1405        1.59266        11.3901
R_25_44      6.37284        .462006        13.7933
R_45        -35.0617       -1.89074        18.5440
INSCHOOL    -7.98363       -.377071        21.1728
C_3          7.42986        .543177        13.6781
I_3_FN       22.6613        1.86687        12.1387
C_10_B_I    -9.41292       -.815147        11.5475
C_10_B_M    -22.6424       -.996939        22.7119
ATT-MILL    -314.997       -6.97708        45.1473
T_FLORID     4.07457        .169356        24.0592
T_FRESNO    -11.0589       -.473793        23.3244
T_KENTUC    -47.1330       -2.10227        22.4230
T_MAINE     -55.6525       -1.99974        27.8299
T_NASSAU    -33.5695       -1.14417        33.7097
T_PORTSM     1.41664        .511912D-01    27.6734
T_SDIEGO    -83.8359       -3.08368        27.1935
R_MALE       62.5701        4.24798        14.7294
I_4          .248473        10.8811        .228357D-01
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ESTIMATED VARIANCE =  34927.0014
         ST. ERROR =  186.887670

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.850660D-01
 -0.293623D-01   0.273825D-01
 -0.841142D-02   0.111781D-01   0.221684D-01
 -0.352749D-01   0.197983D-01   0.107397D-01   0.318876D-01
 -0.217469D-01   0.153800D-01   0.117535D-01   0.174510D-01   0.286038D-01
 -0.153113D-01   0.137729D-01   0.125568D-01   0.138054D-01   0.130035D-01   0.309074D-01
 -0.121394D-01   0.125584D-01   0.133309D-01   0.117828D-01   0.119978D-01   0.130574D-01   0.258575D-01
 -0.142877D-02   0.267043D-03   0.531391D-03  -0.199353D-02  -0.203898D-02   0.472677D-03   0.110373D-02   0.442966D-02

 -0.938938D-03  -0.316516D-04   0.106186D-03   0.129108D-03   0.752602D-04  -0.549284D-04   0.295398D-04  -0.126749D-03
      0.880101D-04
 -0.149530D-02   0.189050D-03  -0.547530D-04   0.233987D-03   0.158271D-03   0.120836D-04  -0.218255D-04   0.138468D-03
      0.129773D-04   0.278121D-03
 -0.121057D-02   0.176842D-03  -0.968377D-03  -0.298437D-03   0.290836D-03   0.141592D-03   0.102309D-03  -0.386738D-03
      0.755155D-04  -0.261609D-03   0.371442D-02
 -0.922930D-02   0.219372D-02  -0.172339D-03   0.330686D-02   0.197670D-02   0.418547D-03   0.206600D-03  -0.169123D-03
     -0.824103D-05   0.675869D-04  -0.454455D-03   0.544765D-02
 -0.193041D-01   0.375697D-02  -0.126865D-02   0.638373D-02   0.301525D-02   0.205571D-03  -0.352653D-03  -0.227225D-03
      0.179465D-03   0.368709D-03  -0.287287D-03   0.494734D-02   0.984563D-02
 -0.213150D-02   0.509250D-03   0.859500D-03   0.144829D-02   0.766848D-03   0.936752D-03   0.340705D-03   0.322594D-03
     -0.443634D-04  -0.591744D-04   0.314856D-03   0.783523D-03   0.133997D-02   0.128349D-01
 -0.850933D-03  -0.470026D-03  -0.284611D-03   0.880151D-04  -0.286864D-03   0.154986D-03   0.249494D-03   0.376010D-03
     -0.583565D-05   0.110483D-05   0.558738D-04  -0.453467D-04  -0.246815D-05   0.313212D-03   0.535665D-02
 -0.130877D-02   0.384218D-03   0.581098D-03   0.469791D-03   0.186865D-03  -0.500634D-03  -0.144724D-03   0.132064D-03
      0.268131D-04  -0.108123D-03   0.422408D-03   0.251430D-03   0.473124D-04   0.491285D-04   0.394315D-03   0.421875D-02
 -0.135938D-02   0.452385D-03   0.700364D-04  -0.155758D-03  -0.369085D-04   0.172870D-03   0.358071D-03  -0.199961D-04
     -0.361876D-04   0.176960D-04  -0.853139D-04  -0.366681D-04   0.260292D-03   0.707400D-04  -0.178614D-02   0.253271D-03
      0.381783D-02
 -0.303943D-02   0.791804D-03  -0.465013D-03  -0.525112D-03   0.271142D-03  -0.146774D-02  -0.122085D-03  -0.222768D-03
      0.345049D-04   0.125915D-03   0.370656D-04   0.194129D-03   0.477535D-03  -0.336782D-03  -0.123286D-02  -0.220429D-04
      0.220170D-02   0.147688D-01
 -0.542749D-01   0.173336D-01  -0.658262D-02   0.223653D-01   0.841817D-02   0.285801D-02  -0.214875D-02   0.496715D-03
     -0.118055D-03   0.644075D-03   0.103968D-02   0.564672D-02   0.130756D-01   0.202162D-03   0.140591D-03  -0.234148D-03
      0.144466D-03   0.183517D-02   0.583583D-01
 0.662881D-02  -0.112505D-01   0.112540D-02  -0.279409D-02  -0.110910D-02  -0.491802D-03   0.354157D-03  -0.851934D-04
      0.833013D-04  -0.580239D-04  -0.411585D-03  -0.843933D-03  -0.149670D-02   0.349002D-03  -0.234869D-03   0.232583D-03
     -0.339083D-04  -0.120633D-03  -0.801953D-02   0.165729D-01
 0.980304D-03  -0.475058D-03  -0.771472D-02  -0.772835D-03  -0.252559D-03   0.296294D-04   0.114921D-03   0.964646D-04
      0.344071D-04  -0.216613D-05   0.247515D-03  -0.397411D-04  -0.687229D-03  -0.225890D-03   0.813963D-04  -0.100005D-03
     -0.113669D-03  -0.269995D-03  -0.159198D-02   0.157247D-03   0.155762D-01
 0.170092D-02  -0.668495D-03   0.219343D-03  -0.901443D-02  -0.432667D-03  -0.154615D-04   0.553138D-04   0.281387D-04
      0.275459D-04   0.191683D-04  -0.267376D-03  -0.624184D-03  -0.789795D-03  -0.286102D-03   0.556251D-04  -0.338283D-03
      0.767182D-04  -0.480493D-03  -0.193859D-02   0.281949D-03   0.905028D-04   0.143954D-01
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     -0.399002D-05  -0.254183D-04   0.252263D-03   0.145109D-05  -0.477974D-04  -0.476422D-04  -0.818400D-04   0.116425D-03
     -0.126509D-03  -0.504978D-04   0.142925D-02  -0.166746D-03  -0.289448D-04  -0.550299D-04   0.221750D-01
 0.587737D-02  -0.186522D-02   0.726833D-03  -0.205926D-02  -0.587674D-03  -0.178943D-01   0.934488D-04  -0.729613D-03
      0.466930D-04  -0.128049D-03  -0.331954D-03  -0.231212D-03  -0.100200D-02  -0.571224D-03  -0.465351D-03   0.263491D-06
      0.137242D-03   0.261596D-04  -0.642609D-02   0.941083D-03   0.127828D-03   0.200090D-03  -0.122651D-03   0.325348D-01
 -0.556171D-02   0.184204D-02  -0.720028D-03   0.229472D-02   0.826732D-03   0.348810D-03  -0.121303D-01   0.125765D-03
     -0.149811D-04   0.166709D-04   0.335948D-03   0.655674D-03   0.149013D-02   0.475955D-04  -0.202085D-04  -0.167177D-03
     -0.151895D-03   0.295943D-03   0.605439D-02  -0.842867D-03  -0.174622D-03  -0.250558D-03   0.163915D-03  -0.684500D-03
      0.219263D-01
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      0.523163D-04  -0.118520D-03  -0.434467D-03  -0.313981D-04  -0.711661D-03   0.262392D-03   0.227451D-03   0.550064D-03
     -0.165017D-03  -0.445556D-03  -0.383272D-02   0.618506D-03   0.107441D-03   0.133053D-03  -0.862083D-04   0.477167D-03
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      0.387638D-04  -0.166259D-03  -0.561661D-03  -0.111813D-02  -0.236253D-02  -0.180675D-03   0.158072D-03  -0.362821D-04
     -0.750712D-03  -0.120251D-02  -0.137150D-01   0.198502D-02   0.352311D-03   0.580117D-03  -0.291635D-03   0.151219D-02
     -0.109366D-02   0.122427D-02   0.621166D-02
-0.902043D-05   0.153697D-05  -0.109181D-05   0.250842D-05   0.944712D-06   0.906159D-06  -0.160703D-05   0.404090D-06
      0.249110D-07  -0.402025D-06   0.289724D-06   0.637717D-06   0.157266D-05   0.289132D-06   0.427911D-06  -0.120026D-05
      0.549716D-06  -0.196988D-06   0.932040D-05  -0.200024D-05   0.128917D-06  -0.964759D-07  -0.621122D-06  -0.136004D-05
      0.898183D-06  -0.468861D-06  -0.228914D-05   0.149303D-07
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      0.263025D-07  -0.311477D-06  -0.228821D-06   0.101138D-06   0.654650D-06   0.751078D-07  -0.207753D-06  -0.125134D-06
      0.502419D-08   0.104635D-06   0.326651D-05  -0.674275D-07   0.198263D-07   0.487906D-06   0.506224D-06   0.154999D-06
     -0.168028D-06   0.169978D-06  -0.645554D-06  -0.278062D-08   0.143290D-07
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<26WEEK28>=====> UNLOGGED EARNINGS REGRESSIONS/PROBITS <=====
MALE F.S $ TOBIT

18:31 THURSDAY, DECEMBER 13, 1984

TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS 804

DISTRIBUTION OF OBSERVATIONS BY CLASS

LOWER LIMITS	287	(35.7 PCT.)
UPPER LIMITS	0	(0.0 PCT.)
NON LIMITS	517	(64.3 PCT.)

INDEPENDENT VARIABLE SUMMATIONS

804.0000000
134.0000000
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ITERATION LOG

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-.1056765 -1.881563 -.2525550D-01 .1129347D-02 -.8586026D-02
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-.2353349 -1.350857 -.1002949 .9927022D-03 -.4405350D-02
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-.[illegible]D-01  .1110310      .1949972     -.1301110D-01 -.8371692D-01  .8496521D-01  .2102933      .1643903     -.3024042D-01

-.2935[illegible]32     -1.576039     -.1198248      .1153320D-02 -.5025025D-02

THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.3695784678168589D+04

DEPENDENT VARIABLE=I_3
CLASS VARIABLE=CLASSES

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT     292.519        3.28598        89.0204
FLORIDA     -42.5945       -1.26671        33.6260
FRESNO       112.092        3.85583        29.0707
KENTUCKY     31.0443        .770264        40.3041
MAINE        26.9174        .811285        33.1788
NASSAU       59.8[illegible]3        1.69144        35.4116
R_MONTH      63.3334        2.03264        33.9378
R_WHITE     -17.0841       -.866265        19.7215
R_TRS_ED    -5.52810       -1.97194        2.80338
HH_SIZE      22.0[illegible]56        4.59915        4.80428
R_[illegible]D      33.8052        2.13655        18.1625
R_25_44     -2.5[illegible]926       -.132302        19.5708
R_45        -16.6600       -.576570        28.8950
INSCHOOL     16.9094        .538362        31.4072
C_3          41.8492        1.97879        21.1483
I_8_EN       32.7143        1.67738        19.5032
C_10_B_I    -6.01796       -.324391        18.5516
C_10_B_M    -53.4213       -1.73654        33.6424
ATTEMBLL    -313.633       -5.03036        62.3490
TREATMEN    -23.8455       -1.55172        15.3672
I_4          .229515        6.63914        .345701D-01

ESTIMATED VARIANCE =  39602.5909
          ST. ERROR =  199.003997

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.[illegible]D+00
 -0.[illegible]D-01   0.285513D-01
 -0.[illegible]D-02   0.887999D-02   0.213396D-01
 -0.[illegible]D-01   0.239295D-01   0.703371D-02   0.410181D-01
 -0.[illegible]D-01   0.172460D-01   0.778495D-02   0.229486D-01   0.277969D-01
 -0.[illegible]D-02   0.106270D-01   0.107756D-01   0.105720D-01   0.100833D-01   0.316641D-01
 -0.[illegible]D-01   0.118851D-01   0.113503D-01   0.109414D-01   0.102291D-01   0.108887D-01   0.290834D-01
 -0.[illegible]D-02   0.716728D-04   0.145404D-02  -0.458212D-02  -0.482202D-02   0.714415D-03   0.220244D-02   0.982103D-02

 -0.[illegible]D-02   0.142203D-03   0.291103D-03   0.403539D-03   0.217601D-03  -0.130020D-03   0.130851D-03  -0.266839D-03
       0.1[illegible]45D-03
 -0.[illegible]D-02   0.437651D-03  -0.152164D-03   0.604869D-03   0.450038D-03  -0.774971D-05   0.115609D-03   0.376591D-03
       0.14[illegible]30D-04   0.582819D-03
 -0.[illegible]D-02  -0.544934D-04  -0.187753D-02  -0.395291D-03   0.147162D-02  -0.853213D-03   0.237939D-03  -0.900983D-03
       0.1[illegible]D-03  -0.517007D-03   0.832959D-02
 -0.1[illegible]D-01   0.292451D-02  -0.397365D-03   0.468290D-02   0.262341D-02   0.112791D-02   0.116260D-02  -0.272290D-03
      -0.[illegible]D-04   0.157527D-03  -0.154707D-02   0.967150D-02
 -0.4[illegible]D-01   0.653012D-02  -0.241062D-02   0.123994D-01   0.627426D-02  -0.100291D-02   0.875374D-03  -0.748698D-03
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[illegible]	[illegible]	0.756301D-03	-0.830044D-03	0.811574D-02	0.210825D-01					
-0.5[illegible]	[illegible]	-0.154651D-03	0.915591D-03	0.184437D-02	0.286032D-03	0.359007D-03	-0.113040D-03	-0.383901D-03		
[illegible]	[illegible]	-0.366368D-03	0.627469D-03	0.134961D-02	0.221925D-02	0.249077D-01				
-0.[illegible]	[illegible]	-0.204142D-02	-0.126821D-02	-0.990933D-03	-0.164802D-02	0.250[illegible]D-03	0.863919D-04	0.396097D-03		
[illegible]	0.317150D-04	-0.904477D-04	-0.101[illegible]D-02	0.217625D-03	0.645551D-03	0.541492D-03	0.112940D-01			
-0.3[illegible]	[illegible]	0.103375D-02	0.854952D-03	0.471[illegible]D-03	0.327[illegible]D-03	-0.150[illegible]D-02	0.196[illegible]D-03	-0.379[illegible]D-03		
[illegible]	0.137514D-03	-0.293397D-03	0.106571D-02	0.31[illegible]D-03	0.[illegible]D-03	-0.27[illegible]D-03	0.9[illegible]D-03	0.[illegible]D-02		
-0.5[illegible]	[illegible]	0.12[illegible]D-02	0.611362D-03	0.905[illegible]D-04	-0.342[illegible]D-04	0.28[illegible]D-03	0.289[illegible]D-03	-0.33[illegible]D-03		
[illegible]	-0.1[illegible]D-04	-0.751114D-04	-0.125[illegible]D-02	-0.224279D-04	0.101033D-02	0.475973D-03	-0.23[illegible]D-02	0.106575D-02		
[illegible]	[illegible]	[illegible]								
-0.11[illegible]	[illegible]	0.25[illegible]D-02	-0.363875D-03	-0.123074D-02	0.114877D-02	-0.128[illegible]D-02	0.351[illegible]D-03	-0.314630D-03		
[illegible]	0.2[illegible]D-03	0.23[illegible]D-03	-0.10[illegible]D-02	0.66[illegible]D-06	0.12[illegible]D-02	-0.203461D-02	-0.143[illegible]D-02	0.258536D-03		
[illegible]	[illegible]	0.285792D-01								
-0.11[illegible]	[illegible]	0.274210D-01	-0.101386D-01	0.425562D-01	0.211944D-01	0.135154D-03	0.116547D-02	0.994164D-03		
[illegible]	[illegible]	0.133349D-02	0.26[illegible]D-02	0.751919D-02	0.22[illegible]D-01	-0.709475D-03	-0.119374D-02	-0.348245D-03		
[illegible]	[illegible]	0.360091D-02	0.921[illegible]D-01							
0.81[illegible]	[illegible]	-0.101612D-02	0.992008D-03	-0.126652D-02	-0.853303D-03	0.139[illegible]D-03	0.493592D-03	-0.277872D-03		
[illegible]	[illegible]	-0.936110D-04	-0.429163D-03	-0.845795D-04	-0.967347D-03	0.155[illegible]D-03	0.338697D-03	0.171223D-05		
[illegible]	[illegible]	-0.304411D-03	-0.391450D-02	0.59[illegible]D-02						
-0.20[illegible]	[illegible]	-0.109222D-05	-0.145971D-05	0.432202D-05	0.295419D-06	0.102304D-05	-0.324765D-05	0.241661D-06		
[illegible]	0.16[illegible]D-06	-0.637630D-06	-0.468739D-06	0.164215D-05	0.376552D-05	0.191630D-05	0.174690D-05	-0.309425D-05		
[illegible]	0.15[illegible]D-05	-0.145711D-05	0.147429D-04	-0.382297D-06	0.301770D-07					
-0.74[illegible]	[illegible]	0.649223D-06	-0.166642D-05	-0.439[illegible]D-06	0.178832D-06	-0.142907D-05	-0.977578D-06	-0.118518D-06		
[illegible]	0.12[illegible]D-06	-0.649094D-06	-0.750173D-06	0.261024D-06	0.795397D-06	-0.521459D-06	-0.119534D-05	-0.472576D-06		
[illegible]	-0.2[illegible]D-06	0.875936D-06	0.597665D-05	0.259557D-06	-0.518889D-08	0.284384D-07				

TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS 804

DISTRIBUTION OF OBSERVATIONS BY CLASS

LOWER LIMITS	287	(35.7 PCT.)
UPPER LIMITS	0	(0.0 PCT.)
NON LIMITS	517	(64.3 PCT.)

INDEPENDENT VARIABLE SUMMATIONS

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134.0000000
141.0000000
161.0000000
119.0000000
60.00000000
65.00000000
459.0000000
8389.000000
2745.000000
339.0000000
461.0000000
145.0000000
56.00000000
246.0769231
176.0000000
527.0000000
53.00000000
719.5440007
78.00000000
71.00000000
89.00000000
71.00000000
34.00000000
32.00000000
78.00000000
162417.0000
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ITERATION LOG

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  0  -.1000000D+48  2.452347      .8374483D-01  .4670619      .1426988      .1905915D-01  .8068401      .2516714      .3885418

-.2946360D-01  .2815932      .2410477      -.2685622     -.5777694     -.5548073D-01  .3715038      .8184510D-02  .1435299

-.6726267D-01 -1.956364      .3207534      .1479679      -.3044910     -.3910865     -.2433485      .3264897      .1791387

 .1120943D-02 -.6620120D-02
  1  -4221.820      1.425769     -.4672870      .2078631     -.1682224D-01 -.8314977D-01  .2147426      .1882892D-01 -.4310194D-01

-.2341365D-01  .1027388      .1698705     -.2552358D-01 -.9313560D-01  .8724790D-01  .1990083      .1415251     -.6068195D-02

-.2066184     -1.366756      .1097357      .7833047D-01 -.2014653     -.1200915     -.3340168      .1005193     -.3832536

 .9970833D-03 -.4437475D-02
  2  -3700.021      1.663201     -.5838076      .2260666     -.1860566D-01 -.9592113D-01  .2294714      .1683755D-02 -.8602662D-01
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 [illegible]  .1116265     .1985901     -.1229251D-01 -.8170915D-01  .1216422     .2231920     .1742795     -.1763283D-01

-.2687059    -1.575209     .1221982      .9076440D-01 -.2287517    -.1202305    -.4082873     .1175592     -.5228231

 .1149924D-02 -.5006390D-02
  3  -3691.260     1.677498     -.5869340     .2279302     -.1809573D-01 -.9642221D-01  .2330617     .1790342D-02 -.8621467D-01

-.2680320D-01  .1127254     .2000816     -.1252742D-01 -.8298324D-01  .1231540     .2252834     .1753859     -.1724404D-01

-.2623782    -1.586947     .1234366      .9156041D-01 -.2305964    -.1211178    -.4122699     .1192971     -.5266791

 .1157688D-02 -.5054161D-02
  4  -3691.219     1.677568     -.5869484     .2279399     -.1809031D-01 -.9642480D-01  .2330813     .1791092D-02 -.8621408D-01

-.2680430D-01  .1127312     .2000885     -.1252887D-01 -.8298961D-01  .1231605     .2252951     .1753914     -.1724158D-01

-.2623855    -1.587003     .1234423      .9156472D-01 -.2306064    -.1211225    -.4122895     .1193065     -.5266850

 .1157728D-02 -.5054423D-02


THE ITERATION PROCESS HAS CONVERGED

 [illegible]  9

LOG OF LIKELIHOOD FUNCTION -0.3691219498534616D+04

DEPENDENT VARIABLE=I_3
CLASS VARIABLE=CLASSES

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT      331.901       3.56551       93.0866
FLO_IDX      -116.126      -2.42191       47.9480
FD_CHD        45.0771       1.07479       41.9591
SENIORITY     -3.57910     -.716766D-01   49.9341
MINE         -19.0773      -.418040       45.6351
NOS_YU        46.1143       .870844       52.9536
MONTHTH       .394361       .731067D-02   48.4718
R_WHITE      -17.0572      -.866131       19.6935
R_1943_E0    -5.30315      -1.89489        2.79266
HH_SIZE       22.3035       4.64151        4.80522
R_[illegible]  39.5068       2.16332       18.2569
R_65_44      -2.47879      -.125782       19.7070
P_45         -16.4192      -.559704       29.3355
INDUSTRIAL    24.3669       .776284       31.3391
C_3           44.5739       2.10546       21.1706
I_9_EM        34.7026       1.77127       19.5903
C_10_P_I     -3.41119      -.184052       18.5339
C_10_S_N     -51.9121      -1.54637       33.5703
ATTCHILL     -313.933      -4.80997       65.2776
T_FLORID      24.4226       .616547       39.6120
T_[illegible]  18.1158       .515558       35.1322
T_SENIUS     -45.6247      -1.39598       32.6830
T_MINE       -23.9637      -.611116       39.2130
T_NOSYU      -81.5730      -1.42016       57.4373
T_[illegible]  23.6044       .453307       52.0715
T_SDIEGO     -104.203      -2.49932       41.6842
I_4           .228053       6.58520       .3478280D-01
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ESTIMATED VARIANCE =  39143.2401
         ST. ERROR =  197.846506

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  0.221369D+00
 -0.691203D-01   0.587333D-01
 -0.111737D-01   0.204555D-01   0.449776D-01
 -0.809411D-01   0.407664D-01   0.199342D-01   0.636996D-01
 -0.469303D-01   0.313324D-01   0.217691D-01   0.351176D-01   0.532037D-01
 -0.226237D-01   0.238366D-01   0.249245D-01   0.229244D-01   0.234580D-01   0.716365D-01
 -0.178732D-01   0.226371D-01   0.269027D-01   0.210601D-01   0.224933D-01   0.252479D-01   0.600235D-01
 -0.300327D-02   0.340113D-03   0.183494D-02  -0.457905D-02  -0.425482D-02   0.187063D-02   0.235359D-02   0.990809D-02

 -0.221855D-02   0.310820D-05   0.309089D-03   0.357378D-03   0.176893D-03  -0.912444D-04   0.194979D-03  -0.267600D-03
       0.200098D-03
 -0.353120D-02   0.574615D-03  -0.275084D-03   0.540606D-03   0.481984D-03   0.120799D-03  -0.145780D-03   0.389001D-03
       0.123443D-04  . 0.589888D-03
 -0.364711D-02   0.786762D-03  -0.255511D-02  -0.188516D-03   0.424172D-03  -0.233548D-03  -0.219378D-03  -0.909190D-03
       0.165969D-03  -0.502693D-03   0.851529D-02
 -0.165763D-01   0.418950D-02  -0.153121D-03   0.619635D-02   0.286428D-02   0.134467D-02   0.746903D-04  -0.301565D-03
      -0.105830D-03   0.170643D-03  -0.146136D-02   0.992167D-02
 -0.435281D-01   0.864982D-02  -0.272087D-02   0.140424D-01   0.530749D-02  -0.182708D-02  -0.202155D-02  -0.814980D-03
       0.428422D-03   0.792690D-03  -0.649691D-03   0.853357D-02   0.219852D-01
  0.412570D-03  -0.202524D-02   0.343767D-04   0.147092D-02  -0.131678D-02  -0.341353D-03  -0.187602D-02  -0.452901D-03
      -0.164228D-03  -0.367843D-03   0.667495D-03   0.143323D-02   0.235140D-02   0.251710D-01
 -0.472040D-03  -0.200372D-02  -0.186452D-02  -0.774208D-03  -0.125281D-02   0.154191D-02   0.503016D-03   0.435353D-03
       0.345859D-04  -0.828342D-04  -0.982873D-03   0.198759D-03   0.533576D-03   0.522424D-03   0.114501D-01
 -0.328061D-02   0.455141D-03   0.151523D-02   0.134362D-02   0.205200D-03  -0.430503D-04   0.932669D-03  -0.373150D-03
       0.149115D-03  -0.314568D-03   0.107683D-02   0.327931D-03   0.822114D-03  -0.173721D-03   0.100034D-02   0.980502D-02
 -0.473125D-02   0.424918D-03  -0.542700D-03  -0.949321D-03  -0.702150D-03  -0.102141D-02  -0.487048D-03  -0.428822D-03
      -0.199787D-04  -0.749502D-04  -0.125692D-02  -0.822734D-04   0.957437D-03   0.495081D-03  -0.239034D-02   0.100300D-02
       0.877552D-02
 -0.104243D-01   0.151435D-02  -0.153792D-02  -0.156263D-02   0.115898D-02  -0.116754D-02  -0.517598D-03  -0.312257D-03
       0.233935D-03   0.241979D-03  -0.109757D-02  -0.144942D-04   0.118817D-02  -0.194295D-02  -0.132571D-02   0.293515D-03
       0.591100D-02   0.287907D-01
 -0.128357D+00   0.370997D-01  -0.145842D-01   0.447662D-01   0.182952D-01  -0.204760D-02  -0.821641D-02   0.937201D-03
      -0.133492D-03   0.152761D-02   0.355756D-02   0.858776D-02   0.249977D-01  -0.783583D-03  -0.135907D-02  -0.107067D-02
       0.506050D-03   0.339954D-02   0.108861D+00
  0.204841D-01  -0.268622D-01   0.392549D-02  -0.671838D-02  -0.300488D-02   0.306222D-03   0.209268D-02  -0.240689D-03
       0.235721D-03  -0.361819D-03  -0.192463D-02  -0.123976D-02  -0.398942D-02   0.168298D-02   0.463725D-03   0.156750D-02
       0.856936D-05   0.524666D-03  -0.197121D-01   0.400863D-01
  0.174757D-02  -0.109594D-02  -0.159843D-01  -0.143675D-02  -0.475694D-03   0.467812D-03  -0.313116D-05  -0.383801D-03
       0.274716D-04  -0.244373D-04   0.125572D-03  -0.217492D-03  -0.165673D-02  -0.347460D-04   0.186621D-02  -0.132894D-03
       0.544003D-03   0.106985D-02  -0.218905D-02   0.276250D-03   0.315429D-01
  0.465633D-02  -0.142900D-02   0.394389D-03  -0.167731D-01  -0.874188D-03   0.476535D-04   0.288208D-03   0.143292D-03
       0.481519D-04   0.384941D-04  -0.599852D-03  -0.135983D-02  -0.235926D-02  -0.892062D-03   0.251066D-04  -0.120909D-02
       0.348513D-03  -0.821073D-03  -0.372949D-02   0.532913D-03   0.258235D-03   0.272890D-01
 -0.249916D-02   0.606242D-03  -0.288362D-03   0.137738D-02  -0.223360D-01  -0.252135D-03  -0.990261D-04  -0.799242D-03
       0.690035D-04  -0.189891D-03   0.129430D-02   0.530729D-03   0.128626D-02   0.125936D-02  -0.169228D-03   0.788941D-03
      -0.311193D-03  -0.126979D-02   0.166193D-02  -0.248988D-03  -0.171944D-03  -0.297032D-03   0.392828D-01
  0.651734D-02  -0.852219D-03   0.856639D-03  -0.107859D-04   0.100132D-03  -0.465911D-01  -0.184319D-03  -0.178316D-02
      -0.361687D-04  -0.411091D-03  -0.195625D-02   0.124246D-03  -0.418635D-05  -0.426491D-03  -0.167235D-02  -0.182179D-02
       0.785748D-03  -0.141752D-02  -0.319635D-02   0.679623D-03  -0.386637D-03   0.436665D-03  -0.739614D-04   0.842812D-01
 -0.143970D-01   0.371610D-02  -0.158306D-02   0.503315D-02   0.207891D-02   0.124996D-03  -0.341115D-01   0.968962D-04
      -0.988311D-04   0.329328D-03   0.251866D-04   0.285020D-02   0.444109D-02   0.181132D-02  -0.168370D-03  -0.490886D-03
      -0.208139D-03   0.443572D-03   0.113144D-01  -0.215920D-02  -0.242495D-03  -0.744857D-03   0.199625D-03  -0.480651D-03
       0.692698D-01
 -0.160676D-01   0.221197D-01   0.260088D-01   0.218260D-01   0.232964D-01   0.248326D-01   0.253219D-01   0.271225D-03
       0.390516D-04  -0.200796D-03  -0.873715D-03   0.504748D-03  -0.144229D-02  -0.167723D-02   0.614635D-03   0.845352D-03
      -0.148785D-02  -0.112713D-02  -0.729144D-02   0.156441D-02   0.149352D-04   0.107908D-03  -0.109993D-03   0.229768D-03
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-0.232115D-04   0.230579D-05  -0.313720D-05   0.470371D-05   0.316799D-06   0.438841D-06  -0.582765D-05   0.238438D-06
      0.133[illegible]D-06  -0.576818D-06  -0.272564D-06   0.189866D-05   0.434781D-05   0.185228D-05   0.175551D-05  -0.331103D-05
      0.153721D-05  -0.141677D-05   0.173495D-04  -0.445519D-05   0.107797D-05  -0.211769D-06  -0.385332D-06  -0.197085D-06
      0.37[illegible]22D-05  -0.130303D-05   0.309024D-07
-0.7716[illegible]D-05   0.144319D-05  -0.111293D-05  -0.614607D-06   0.237414D-06  -0.219714D-05  -0.141898D-06  -0.140892D-06
      0.1[illegible]831D-06  -0.651759D-06  -0.770598D-06   0.221854D-06   0.794422D-06  -0.642798D-06  -0.128902D-05  -0.557903D-06
     -0.28786[illegible]D-06   0.764305D-06   0.616243D-05  -0.665993D-06  -0.478538D-06   0.109107D-05   0.505826D-06   0.200138D-05
     -0.105[illegible]D-05   0.608114D-06  -0.523366D-08   0.287754D-07
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-.1720200D-01  .1029587      .9127517D-01  .3496207D-01 -.1926642     -.4512732D-01  .4445217D-01  .1265902     -.5029568D-01

-.1295619     -1.689509     -.1643179      .3374561      .1333501D-02 -.5339684D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.8112278245559514D+04

DEPENDENT VARIABLE=I_3
CLASS VARIABLE=CLASSES

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT     241.880        4.72199        51.2242
FLORIDA     -16.1523       -.769319        20.9956
OREGND       106.886        5.80982        18.3975
KENTUCKY     7.62655        .296416        25.7292
MAINE        6.50181        .296756        21.9096
MISSOU       47.3915        2.20189        21.5232
FORTSMTH     105.308        5.25459        20.0449
R_WHITE     -11.3621       -.914296        12.4272
P_YRS_ED    -3.22154       -1.83792        1.75282
HH_SIZE      19.2818        6.18542        3.11730
P_MARRD      17.0937        1.50552        11.3541
P_25_44      6.54759        .477335        13.7170
R_45        -36.0816       -1.96873        18.3274
INSCHOOL    -8.45131       -.399375        21.1613
C_3          8.32487        .608567        13.6795
I_8_FN       23.7074        1.95572        12.1221
C_10_B_I    -9.41922       -.814914        11.5586
C_10_B_M    -24.2640       -1.06788        22.7216
ATT6MILL    -316.406       -7.38771        42.8287
TREATMEN    -30.7730       -3.11920        9.86566
R_MALE       63.1978        4.39441        14.3814
I_4          .249734        11.0164        .226694D-01

ESTIMATED VARIANCE =  35072.6698
          ST. ERROR =  187.276987

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.748136D-01
 -0.182222D-01   0.125586D-01
 -0.207840D-02   0.393876D-02   0.965050D-02
 -0.263992D-01   0.105637D-01   0.307596D-02   0.188748D-01
 -0.152802D-01   0.765578D-02   0.366000D-02   0.102940D-01   0.136868D-01
 -0.574055D-02   0.528865D-02   0.477805D-02   0.542935D-02   0.512414D-02   0.132082D-01
 -0.801411D-02   0.610323D-02   0.480600D-02   0.575977D-02   0.502452D-02   0.532346D-02   0.114562D-01
 -0.130182D-02   0.232284D-03   0.639788D-03  -0.196557D-02  -0.211924D-02   0.116703D-03   0.121230D-02   0.440329D-02

 -0.963199D-03  -0.291109D-05   0.915989D-04   0.130587D-03   0.500899D-04  -0.567089D-04  -0.559138D-05  -0.126102D-03
      0.974005D-04
 -0.150481D-02   0.215471D-03   0.179316D-04   0.299929D-03   0.207341D-03   0.895124D-05   0.538863D-04   0.135284D-03
      0.132917D-04   0.277068D-03
 -0.109642D-02   0.108584D-03  -0.543903D-03  -0.323064D-03   0.634229D-03   0.206010D-03   0.526232D-03  -0.393756D-03
      0.773362D-04  -0.265129D-03   0.367565D-02
 -0.862365D-02   0.157317D-02  -0.145202D-03   0.274256D-02   0.187664D-02   0.274118D-03   0.544000D-03  -0.169868D-03
     -0.476592D-05   0.665214D-04  -0.490340D-03   0.536473D-02
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-0.183594D-01   0.300315D-02  -0.111957D-02   0.588565D-02   0.318118D-02   0.130502D-04   0.810498D-03  -0.242638D-03
     0.186736D-03   0.361685D-03  -0.353592D-03   0.481881D-02   0.957705D-02
-0.198228D-02   0.558161D-03   0.559431D-03   0.113656D-02   0.584158D-03   0.459076D-03   0.199854D-03   0.317747D-03
    -0.454377D-04  -0.582504D-04   0.322149D-03   0.786868D-03   0.134272D-02   0.127678D-01
-0.582417D-03  -0.780216D-03  -0.384784D-03  -0.599264D-04  -0.492135D-03  -0.254275D-03   0.830375D-04   0.362773D-03
    -0.527468D-05  -0.790904D-07   0.525583D-04  -0.522942D-04  -0.115553D-04   0.310061D-03   0.533543D-02
-0.112544D-02   0.216628D-03   0.170598D-03  -0.869958D-05  -0.551851D-04  -0.830586D-03  -0.566183D-03   0.138828D-03
     0.256167D-04  -0.103313D-03   0.433593D-03   0.250532D-03   0.700107D-04   0.292193D-04   0.392826D-03   0.418976D-02
-0.149521D-02   0.553059D-03   0.108303D-03   0.177008D-04   0.596707D-05   0.353939D-03   0.381959D-03  -0.161058D-04
    -0.363621D-04   0.179644D-04  -0.799199D-04  -0.253109D-04   0.274121D-03   0.729816D-04  -0.177856D-02   0.258724D-03
     0.360924D-02
-0.308072D-02   0.959049D-03  -0.321056D-03  -0.583278D-03   0.488151D-03  -0.117993D-02   0.307157D-03  -0.219373D-03
     0.353194D-04   0.126510D-03   0.225916D-04   0.171799D-03   0.431482D-03  -0.341916D-03  -0.122088D-02  -0.221008D-04
     0.220220D-02   0.147200D-01
-0.499693D-01   0.134332D-01  -0.463467D-02   0.212419D-01   0.104547D-01   0.130326D-02   0.307703D-02   0.356659D-03
    -0.764586D-04   0.597134D-03   0.670607D-03   0.510900D-02   0.119007D-01   0.276922D-03   0.385515D-04  -0.651329D-04
     0.209002D-03   0.168584D-02   0.523000D-01
-0.129934D-03  -0.350919D-03   0.522576D-03  -0.573044D-03  -0.320101D-03   0.144454D-03   0.422299D-04  -0.694054D-04
     0.323347D-04  -0.321144D-04  -0.749177D-04  -0.190251D-03  -0.478635D-03  -0.516969D-04  -0.366167D-04   0.164962D-04
    -0.592241D-04  -0.178422D-03  -0.191246D-02   0.277513D-02
 0.105044D-01  -0.323067D-02   0.966852D-03  -0.504656D-02  -0.276355D-02  -0.199674D-03  -0.436957D-03  -0.595635D-04
     0.291195D-04  -0.155158D-03  -0.470940D-03  -0.100052D-02  -0.210712D-02  -0.201875D-03   0.178171D-03  -0.805672D-04
    -0.763014D-03  -0.116776D-02  -0.123544D-01   0.578024D-03   0.589704D-02
-0.806416D-05   0.372693D-06  -0.677480D-06   0.231456D-05   0.652916D-06   0.364984D-06  -0.915098D-06   0.362773D-06
     0.321291D-07  -0.412547D-06   0.226517D-06   0.535859D-06   0.137223D-05   0.320695D-06   0.393932D-06  -0.115756D-05
     0.558230D-06  -0.200929D-06   0.820871D-05  -0.440990D-06  -0.203978D-05   0.146524D-07
-0.332033D-05   0.222232D-06  -0.837125D-06   0.945794D-07   0.178749D-06  -0.419622D-06  -0.926851D-06  -0.770891D-07
     0.270606D-07  -0.311629D-06  -0.223779D-06   0.110959D-06   0.663734D-06   0.885190D-07  -0.208991D-06  -0.120547D-06
     0.136327D-08   0.117120D-06   0.323274D-05   0.160946D-06  -0.635750D-06  -0.277716D-08   0.142700D-07
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS   912

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS     278   ( 30.5 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS     634   ( 69.5 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        912.0000000
        164.0000000
        142.0000000
        147.0000000
        99.00000000
        88.00000000
        134.0000000
        479.0000000
        9323.000000
        2946.000000
        294.0000000
        431.0000000
        326.0000000
        43.00000000
        244.3846154
        218.0000000
        398.0000000
        40.00000000
        589.2342562
        556.0000000
        191836.0000


ITERATION LOG
  0  -.1000000D+48  2.732105     -.1156408      .2272733     -.4657358     -.2374629      .3705366D-01  .3331436      .1347543

 .1233008D-01  .2679452      .8101709D-01 -.3319146     -.8925329     -.3485985     -.1116797D-01 -.1572218     -.6875639D-01

 .3731599     -2.256039      .8818773D-01  .1349103D-02 -.9162466D-02
  1  -4884.505      1.326825     -.9004388D-02  .3952962     -.9801151D-01 -.9340239D-01  .9987375D-01  .5501780     -.3551581D-01

-.6913701D-02  .8096063D-01 -.4092198D-01  .4667037D-01 -.2429678     -.1648121     -.1644239      .6542234D-01 -.7119809D-01

 .9919381D-01 -1.474911     -.1810287      .1442231D-02 -.5325605D-02
  2  -4394.650      1.424803      .9497671D-02  .4666182     -.7509956D-01 -.9006367D-01  .1309050      .6269800     -.5326409D-01

-.8563252D-02  .8358082D-01 -.5072944D-01  .8367322D-01 -.2278204     -.1883253     -.1987573      .7912391D-01 -.7934734D-01

 .9093573D-01 -1.615380     -.2179358      .1610637D-02 -.5799237D-02
  3  -4389.060      1.431088      .9449866D-02  .4681816     -.7557439D-01 -.9035875D-01  .1312633      .6290610     -.5328053D-01

-.8569154D-02  .8406766D-01 -.5080919D-01  .8382501D-01 -.2290111     -.1892932     -.1993749      .7918240D-01 -.7958510D-01

 .9145155D-01 -1.621509     -.2184082      .1616170D-02 -.5825146D-02
  4  -4389.049      1.431103      .9449079D-02  .4681846     -.7557620D-01 -.9036008D-01  .1312635      .6290656     -.5328035D-01
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-.8569151D-02  .8406882D-01 -.5080945D-01  .8382476D-01 -.2290144     -.1892950     -.1993762     .7918250D-01 -.7958564D-01

 .9145204D-01 -1.621523     -.2184092      .1616184D-02 -.5825211D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.4389048649382117D+04

DEPENDENT VARIABLE=I_3
CLASS VARIABLE=CLASSFS

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT     245.674        3.51620        69.8692
FLORIDA      1.62210        .613086D-01    26.4579
FRESNO       80.3721        3.47547        23.1255
KENTUCKY    -12.9740       -.392237        33.0769
MAINE       -15.5119       -.535342        28.9757
NASSAU       22.5337        .852695        26.4264
PORTSMTH     107.990        4.39522        24.5699
R_WHITE     -9.14651       -.585098        15.6324
R_YRS_ED    -1.47105       -.667394        2.20417
HH_SIZE      14.4319        3.56014        4.05375
R_MARRD     -8.72234       -.597241        14.6044
R_25_44      14.3900        .733006        19.6315
R_45        -39.3144       -1.59447        24.6567
INSCHOOL    -32.4959       -1.14452        28.3925
C_3         -34.2264       -1.89667        18.0455
I_3_BN       13.5931        .896700        15.1590
C_10_B_I    -13.6623       -.922833        14.8047
C_10_B_M     15.6995        .503768        31.1641
ATTCHILL    -278.363       -4.57461        60.8495
TREATMEN    -37.4938       -2.99897        12.5022
I_4          .277446        9.30518        .298163D-01

ESTIMATED VARIANCE =  29469.7692
         ST. ERROR =  171.667612

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.165651D+00
 -0.331977D-01   0.237539D-01
 -0.377690D-02   0.714311D-02   0.181471D-01
 -0.566061D-01   0.203376D-01   0.539253D-02   0.371257D-01
 -0.333226D-01   0.146124D-01   0.702532D-02   0.197573D-01   0.284899D-01
 -0.131441D-01   0.106110D-01   0.875647D-02   0.109305D-01   0.102141D-01   0.236974D-01
 -0.196513D-01   0.125016D-01   0.867688D-02   0.119686D-01   0.100426D-01   0.106586D-01   0.204848D-01
 -0.195184D-02   0.740597D-03   0.117332D-02  -0.362102D-02  -0.384307D-02   0.467690D-04   0.242674D-02   0.829233D-02

 -0.175440D-02  -0.878854D-04   0.122366D-03   0.189346D-03   0.427768D-04  -0.109735D-03  -0.903468D-04  -0.262930D-03
       0.164859D-03
 -0.324800D-02   0.465449D-03   0.185630D-03   0.661913D-03   0.403565D-03   0.596560D-04   0.122732D-03   0.192969D-03
       0.323444D-04   0.557618D-03
 -0.268517D-02   0.549572D-03  -0.339218D-03  -0.585798D-03   0.137606D-02   0.124995D-02   0.175523D-02  -0.589066D-03
       0.124510D-03  -0.517711D-03   0.723751D-02
 -0.238074D-01   0.376934D-02  -0.260098D-03   0.695320D-02   0.559818D-02   0.289013D-03   0.138588D-02  -0.623656D-03
       0.933521D-04   0.171459D-03  -0.643085D-03   0.130776D-01
 -0.429155D-01   0.676035D-02  -0.215611D-02   0.131358D-01   0.785735D-02   0.679568D-03   0.241830D-02  -0.732446D-03
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     0.405328D-03   0.777137D-03  -0.640353D-03   0.124039D-01   0.206298D-01
-0.754507D-02   0.217348D-02   0.138677D-02   0.263921D-02   0.212815D-02   0.114132D-02   0.844935D-03   0.155450D-02
    -0.257339D-04   0.132507D-03   0.628744D-03   0.209210D-02   0.343123D-02   0.273546D-01
-0.159590D-02  -0.118284D-02   0.322352D-04   0.544378D-03  -0.511111D-03  -0.764529D-03   0.416883D-03   0.938261D-03
    -0.402412D-04   0.684247D-04   0.775711D-03  -0.345999D-03  -0.448077D-03   0.932878D-03   0.110500D-01
-0.126726D-02  -0.575608D-04   0.124097D-03  -0.439504D-03  -0.297291D-03  -0.197676D-02  -0.184423D-02   0.709883D-03
     0.691104D-05  -0.170845D-03   0.644512D-03   0.569044D-03  -0.265286D-03   0.511977D-03   0.874750D-03   0.779766D-02
-0.233838D-02   0.105376D-02   0.103381D-03  -0.105504D-03  -0.638193D-04   0.129968D-02   0.114292D-02   0.136860D-03
    -0.885752D-04   0.643919D-04   0.509443D-03  -0.154058D-03   0.305108D-03  -0.153504D-03  -0.417347D-02   0.205795D-03
     0.743743D-02
-0.365018D-02   0.156551D-02  -0.436421D-03  -0.125172D-02   0.744628D-03  -0.335088D-02   0.645340D-03  -0.451463D-03
    -0.718854D-04   0.146253D-03   0.749494D-03   0.458481D-03   0.291728D-03   0.836203D-03  -0.269451D-02   0.791950D-04
     0.362933D-02   0.329558D-01
-0.119186D+00   0.300368D-01  -0.922599D-02   0.476370D-01   0.235591D-01   0.471941D-02   0.993382D-02   0.955016D-04
    -0.206505D-03   0.127072D-02   0.456070D-03   0.150744D-01   0.297822D-01   0.158418D-02   0.614913D-03  -0.601477D-03
    -0.337680D-03   0.222886D-02   0.125643D+00
 0.501635D-03  -0.654436D-03   0.112454D-02  -0.133720D-02  -0.630498D-03   0.444823D-03  -0.107372D-03  -0.777895D-04
     0.720865D-04  -0.431480D-04  -0.343123D-04  -0.693889D-03  -0.116087D-02  -0.258008D-03  -0.319907D-03   0.732085D-04
    -0.676192D-04  -0.418458D-03  -0.456100D-02   0.530391D-02
-0.151198D-04   0.153022D-05  -0.150507D-05   0.487064D-05   0.215800D-05   0.510161D-06  -0.807847D-06   0.112577D-05
    -0.697223D-07  -0.109084D-05   0.893700D-06   0.600605D-06   0.187829D-05  -0.595116D-06   0.162911D-06  -0.171213D-05
     0.919104D-06   0.139380D-05   0.185003D-04  -0.128403D-05   0.301670D-07
-0.742045D-05   0.332150D-06  -0.137374D-05   0.843602D-06   0.616836D-06  -0.144257D-06  -0.210416D-05  -0.110849D-06
    -0.301662D-08  -0.578136D-06   0.783070D-07   0.158199D-06   0.161765D-05   0.895558D-06   0.538699D-06  -0.946364D-08
     0.254277D-06  -0.636215D-06   0.668132D-05   0.426812D-06  -0.654011D-08   0.305260D-07
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS   912

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS      278   ( 30.5 PCT.)
    UPPER LIMITS        0   (  0.0 PCT.)
      NON LIMITS      634   ( 69.5 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        912.0000000
        164.0000000
        142.0000000
        147.0000000
        99.00000000
        88.00000000
        134.0000000
        479.0000000
        9323.000000
        2946.000000
        294.0000000
        431.0000000
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        218.0000000
        393.0000000
        40.00000000
        508.2342562
        88.00000000
        76.00000000
        90.00000000
        62.00000000
        51.00000000
        81.00000000
        98.00000000
        191836.0000


ITERATION LOG
  0  -.1000000D+48  2.838879      .3223048D-01  .3872699     -.2539881      .3269736D-01 -.1131933      .5902969      .1143895

 .1617241D-01  .2657046      .8470398D-01 -.3491618     -.9600803     -.3212406     -.7207659D-02 -.1432297     -.6426449D-01

 .3311110     -2.620606      .9895699D-02  .2077801     -.1601770     -.1300709      .7739859     -.8322872D-01  .4178206

 .1301021D-02 -.9201784D-02
  1  -4905.263      1.450561     -.1660513      .2620362     -.1856527     -.7817146D-01 -.6823519D-01  .3786568     -.3608355D-01

-.5851264D-02  .8034975D-01 -.3332629D-01  .4791263D-01 -.2397211     -.1700241     -.1686144      .6180901D-01 -.7219891D-01

 .9956933D-01 -1.508861     -.1088737     -.1253451     -.2343896     -.3831976     -.5633744D-01 -.7089396D-01 -.3232298

 .1435699D-02 -.5332381D-02
  2  -4393.059      1.581147     -.2038539      .2758310     -.2105928     -.9015094D-01 -.8268034D-01  .3919762     -.5244094D-01
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-.7717321D-02  .8339561D-01 -.4099432D-01  .8989100D-01 -.2163621     -.2032388     -.2059601      .7421610D-01 -.8191279D-01

 .8826564D-01 -1.634424     -.1250858     -.1461977     -.2642951     -.4701828     -.1057849     -.7878394D-01 -.4470461

 .1608091D-02 -.5808446D-02
  3  -4387.099      1.588065     -.2044476      .2768684     -.2114252     -.9004071D-01 -.8331368D-01  .3934729     -.5255956D-01

-.7724785D-02  .8388578D-01 -.4101335D-01  .9025471D-01 -.2174065     -.2045647     -.2066452      .7429398D-01 -.8220611D-01

 .8873859D-01 -1.640963     -.1254729     -.1463217     -.2650261     -.4720416     -.1052001     -.7901279D-01 -.4487771

 .1613677D-02 -.5834517D-02
  4  -4387.088      1.588081     -.2044485      .2768713     -.2114267     -.9004090D-01 -.8331473D-01  .3934771     -.5255942D-01

-.7724768D-02  .8388694D-01 -.4101354D-01  .9025450D-01 -.2174099     -.2045665     -.2066465      .7429414D-01 -.8220664D-01

 .8873998D-01 -1.640978     -.1254739     -.1463223     -.2650281     -.4720445     -.1051988     -.7901317D-01 -.4487780

 .1613692D-02 -.5834583D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   4

LOG OF LIKELIHOOD FUNCTION -0.4387087941196163D+04

DEPENDENT VARIABLE=I_3
CLASS VARIABLE=CLASSFS
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VARIABLE	ESTIMATE	T-STATISTIC	SE
CONSTANT	272.184	3.62884	75.0059
FLORIDA	-35.0408	-.877170	39.9476
FRESNO	47.4535	1.29548	36.6302
KENTUCKY	-36.2368	-.817865	44.3066
MAINE	-15.4323	-.354699	43.5081
NASSAU	-14.2795	-.344720	41.4234
PORTSMTH	67.4388	1.78350	37.8125
R_WHITE	-9.00826	-.575405	15.6555
R_YRS_ED	-1.32396	-.599159	2.20970
HH_SIZE	14.3775	3.54584	4.05476
R_MARRD	-7.02939	-.480496	14.6294
R_25_44	15.4689	.782410	19.7708
R_45	-37.2623	-1.48789	25.0437
INSCHOOL	-35.0610	-1.22629	28.5912
C_3	-35.4175	-1.95865	18.0827
I_8_EN	12.7334	.838026	15.1945
C_10_B_I	-14.0895	-.950849	14.8179
C_10_B_M	15.2093	.486919	31.2358
ATTeMILL	-281.250	-4.28167	65.6870
T_FLORID	-21.5052	-.733635	29.3132
T_FRESNO	-25.0725	-.819795	30.5911
T_KENTUC	-45.4237	-1.50920	30.0979
T_MAINE	-80.9046	-2.06113	39.2525
T_NASSAU	-18.0302	-.445861	40.4391
T_PORTSM	-13.5422	-.433148	31.2647
T_SDIEGO	-76.9169	-2.19112	35.1039
I_4	.276574	9.18681	.3010550D-01

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ESTIMATED VARIANCE = 29375.1704
ST. ERROR = 171.391862

NEGATIVE INVERSE OF SECOND DERIVATIVES

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  0.191517D+00
 -0.626730D-01   0.543251D-01
 -0.172572D-01   0.242003D-01   0.456770D-01
 -0.768157D-01   0.409219D-01   0.230763D-01   0.668277D-01
 -0.477064D-01   0.316177D-01   0.258421D-01   0.357172D-01   0.644407D-01
 -0.371985D-01   0.307362D-01   0.261675D-01   0.315443D-01   0.266076D-01   0.584132D-01
 -0.270933D-01   0.273792D-01   0.279717D-01   0.293624D-01   0.261478D-01   0.281209D-01   0.486733D-01
 -0.231615D-02   0.846538D-03   0.736064D-03  -0.363164D-02  -0.375302D-02   0.640546D-03   0.228435D-02   0.834362D-02

 -0.168328D-02  -0.127278D-03   0.129852D-03   0.181294D-03   0.163219D-03  -0.142328D-03  -0.224255D-04  -0.264159D-03
      0.158221D-03
 -0.317511D-02   0.340245D-03   0.605798D-04   0.516960D-03   0.192807D-03   0.185214D-04   0.300476D-04   0.196066D-03
      0.332101D-04   0.559693D-03
 -0.262733D-02   0.363408D-03  -0.927083D-03  -0.517409D-03   0.130398D-02   0.744191D-03   0.992275D-03  -0.588697D-03
      0.123105D-03  -0.519727D-03   0.728576D-02
 -0.258574D-01   0.490367D-02  -0.976144D-03   0.749857D-02   0.587757D-02   0.501838D-03   0.306786D-03  -0.587321D-03
      0.838843D-04   0.168565D-03  -0.578982D-03   0.133067D-01
 -0.453407D-01   0.798894D-02  -0.313203D-02   0.135757D-01   0.782225D-02   0.170648D-02  -0.309790D-03  -0.648408D-03
      0.323643D-03   0.782358D-03  -0.552101D-03   0.127422D-01   0.213508D-01
 -0.920957D-02   0.401344D-02   0.386967D-02   0.449001D-02   0.513152D-02   0.373954D-02   0.321943D-02   0.156758D-02
     -0.178828D-04   0.119402D-03   0.567358D-03   0.203237D-02   0.334086D-02   0.278282D-01
 -0.238066D-02  -0.323080D-03   0.938272D-03   0.889698D-03  -0.105160D-03  -0.231804D-03   0.617796D-03   0.932244D-03
     -0.452229D-04   0.649676D-04   0.757744D-03  -0.341140D-03  -0.396404D-03   0.987671D-03   0.111313D-01
 -0.155510D-02   0.694794D-03   0.110328D-02   0.360199D-03   0.659503D-03  -0.175561D-02  -0.894033D-03   0.680603D-03
      0.107653D-04  -0.179891D-03   0.634530D-03   0.549062D-03  -0.367785D-03   0.604058D-03   0.894504D-03   0.785949D-02
 -0.228004D-02   0.109263D-02   0.715975D-03   0.148620D-03   0.442547D-03   0.151328D-02   0.177452D-02   0.119346D-03
     -0.849304D-04   0.615596D-04   0.491275D-03  -0.206232D-03   0.213549D-03  -0.749042D-04  -0.418155D-02   0.233142D-03
      0.747465D-02
 -0.333737D-02   0.144126D-02   0.776191D-04  -0.107054D-02  -0.509960D-03  -0.468135D-02   0.710042D-04  -0.530700D-03
     -0.729930D-04   0.145523D-03   0.758030D-03   0.440239D-03   0.267999D-03   0.740638D-03  -0.266943D-02   0.110036D-03
      0.363837D-02   0.332143D-01
 -0.133240D+00   0.381851D-01  -0.140811D-01   0.508311D-01   0.166786D-01   0.120331D-01  -0.283455D-02   0.572695D-03
     -0.333264D-03   0.133422D-02   0.765399D-03   0.166226D-01   0.333485D-01   0.890174D-03   0.101977D-02  -0.123066D-02
     -0.730075D-03   0.235145D-02   0.146885D+00
  0.135297D-01  -0.203900D-01   0.140275D-02  -0.549885D-02  -0.194283D-02  -0.130378D-02   0.245066D-03  -0.204378D-03
      0.135079D-03  -0.217138D-05  -0.193890D-03  -0.229284D-02  -0.301507D-02  -0.625150D-04  -0.848905D-03  -0.987540D-04
      0.334102D-03  -0.586167D-03  -0.161059D-01   0.292514D-01
  0.361810D-02  -0.156733D-02  -0.157149D-01  -0.250757D-02  -0.740622D-03  -0.355912D-03   0.237269D-04   0.557374D-03
      0.137043D-03  -0.383934D-04   0.353223D-03   0.128694D-03  -0.119823D-02  -0.800693D-03  -0.126050D-02  -0.169297D-03
     -0.370725D-03  -0.198490D-02  -0.570256D-02   0.680861D-03   0.318574D-01
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     -0.121412D-03  -0.105661D-02  -0.359886D-02   0.498358D-03   0.182121D-03   0.308384D-01
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     -0.137792D-03   0.125423D-03  -0.399480D-03  -0.100288D-02  -0.132671D-02  -0.185500D-02  -0.141406D-03  -0.331657D-03
     -0.372147D-03   0.126759D-02   0.598802D-02  -0.582369D-03  -0.316787D-03  -0.156107D-03   0.524511D-01
  0.190720D-01  -0.610957D-02   0.213102D-02  -0.756542D-02  -0.185275D-02  -0.307382D-01   0.104530D-04  -0.125220D-02
      0.177822D-03  -0.175736D-03   0.262872D-03  -0.128951D-02  -0.407101D-02  -0.118947D-02  -0.466838D-03   0.107392D-02
      0.253497D-03   0.147943D-02  -0.232632D-01   0.258577D-02   0.920899D-03   0.428331D-03  -0.968279D-03   0.556702D-01
 -0.112378D-01   0.349878D-02  -0.167134D-02   0.450629D-02   0.104317D-02   0.103147D-02  -0.193205D-01   0.107710D-03
     -0.114705D-04  -0.712964D-04   0.705118D-03   0.104186D-02   0.275575D-02  -0.841736D-03   0.140640D-03  -0.295526D-03
     -0.530226D-03   0.111934D-03   0.137722D-01  -0.146736D-02  -0.506889D-03  -0.423858D-03   0.759126D-03  -0.219356D-02
      0.332757D-01
 -0.194367D-01   0.247473D-01   0.287422D-01   0.243935D-01   0.264390D-01   0.263679D-01   0.272149D-01  -0.192305D-03
      0.130267D-03  -0.220818D-03  -0.575345D-03  -0.993592D-03  -0.228464D-02   0.294995D-02   0.349137D-03   0.127225D-02
      0.564370D-03  -0.806267D-03  -0.104059D-01   0.110528D-02   0.241630D-03   0.355167D-03  -0.716177D-03   0.163357D-02
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     -0.813436D-07  -0.109105D-05   0.933806D-06   0.905352D-06   0.246423D-05  -0.546597D-06   0.239656D-06  -0.177516D-05
      0.838976D-06   0.124014D-05   0.215301D-04  -0.395586D-05  -0.451410D-06  -0.862875D-07  -0.208575D-05  -0.455057D-05
      0.126337D-05  -0.956177D-06   0.308540D-07
-0.771643D-05   0.398953D-06  -0.131221D-05   0.715764D-06   0.627051D-07   0.497433D-06  -0.194433D-05  -0.935508D-07
     -0.867437D-08  -0.571460D-06   0.474737D-07   0.138986D-06   0.164771D-05   0.893259D-06   0.551035D-06  -0.382400D-07
      0.247468D-06  -0.655212D-06   0.712114D-05   0.460530D-06   0.206695D-06   0.861436D-06   0.138094D-05  -0.733099D-06
      0.184648D-06   0.379441D-06  -0.651533D-08   0.306373D-07
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  2254

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS      58   (  2.6 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS    2196   ( 97.4 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        2254.000000
        335.0000000
        374.0000000
        370.0000000
        352.0000000
        196.0000000
        292.0000000
        1235.000000
        23407.00000
        7228.000000
        793.0000000
        1158.000000
        573.0000000
        134.0000000
        634.7692308
        535.0000000
        1243.000000
        128.0000000
        1379.570410
        1337.000000
        1135.000000
        1622170.000


ITERATION LOG
  0  -.1000000D+48 -.7370581D-02 -.2779562      .1035605D-01 -.1666263     -.2321625     -.8195060D-01 -.1117865      .1032231

-.1019197D-02  .1545465      .1527611      .9261170D-01  .8052067D-01  .2137533      .1947583      .7268694D-01  .3466637D-02

-.3188483D-01  .2806438     -.5091644D-01 -.5557706D-01  .1598525D-02 -.2090002D-02
  1  -16759.55     -.1803784D-01 -.2660821      .2704419D-01 -.1826903     -.2223033     -.1207296     -.7050271D-01  .1172434

-.1591941D-02  .1452138      .1476407      .1082368      .1074936      .2192067      .2097077      .8399342D-01 -.2098328D-02

-.5920406D-01  .1691221     -.5386744D-01 -.1875941D-01  .1605194D-02 -.2059842D-02
  2  -16755.66     -.1801687D-01 -.2661180      .2706134D-01 -.1827468     -.2223344     -.1208186     -.7050477D-01  .1172754

-.1592905D-02  .1452263      .1476530      .1082680      .1075219      .2192217      .2097461      .8401501D-01 -.2108919D-02

-.5922772D-01  .1690454     -.5387789D-01 -.1873378D-01  .1605365D-02 -.2060045D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   2
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LOG OF LIKELIHOOD FUNCTION -0.1675566253346799D+05

DEPENDENT VARIABLE=TTRAN_13
CLASS VARIABLE=CLASSTRN

VARIABLE	ESTIMATE	T-STATISTIC	SE
CONSTANT	-8.74586	-.806527D-01	108.439
FLORIDA	-129.181	-2.93365	44.0341
FRESNO	13.1363	.323330	40.6281
KENTUCKY	-88.7101	-1.46140	60.7020
MAINE	-107.927	-2.57000	41.9949
NASSAU	-58.6465	-1.30251	45.0272
PORTSMTH	-34.2249	-.792307	43.1965
R_WHITE	56.9286	2.18035	26.1099
R_YRS_ED	-.773238	-.199757	3.87090
HH_SIZE	70.4967	10.2866	6.85323
R_MARRD	71.6746	2.89698	24.7411
R_25_44	52.5561	1.89354	27.7554
R_45	52.1939	1.38322	37.7335
INSCHOOL	106.416	2.38505	44.6178
C_3	101.816	3.48828	29.1881
I_8_BN	40.7831	1.44994	28.1274
C_10_B_I	-1.02372	-.413828D-01	24.7379
C_10_B_M	-28.7507	-.603823	47.6144
ATT3MILL	82.0591	.686850	119.472
TREATMEN	-26.1537	-1.23177	21.2327
R_MALE	-9.09387	-.293600	30.9736
TTRAN_PR	.779286	40.7373	.191295D-01

ESTIMATED VARIANCE = 235638.600
ST. ERROR = 485.426204

NEGATIVE INVERSE OF SECOND DERIVATIVES

0.499023D-01								
-0.114515D-01	0.822869D-02							
0.992500D-03	0.190470D-02	0.700496D-02						
-0.207724D-01	0.728121D-02	0.254434D-03	0.156372D-01					
-0.865380D-02	0.429112D-02	0.197451D-02	0.635599D-02	0.748423D-02				
-0.316433D-02	0.315875D-02	0.312574D-02	0.303081D-02	0.299280D-02	0.860408D-02			
-0.916083D-02	0.444432D-02	0.245713D-02	0.531904D-02	0.348389D-02	0.337389D-02	0.791863D-02		
-0.927156D-03	0.152303D-03	0.531368D-03	-0.123038D-02	-0.127722D-02	0.268790D-03	0.871239D-03	0.289310D-02	
-0.648297D-03	0.558959D-05	0.830978D-04	0.797671D-04	0.370231D-04	-0.311017D-04	0.271646D-04	-0.693313D-04	0.635882D-04
-0.119513D-02	0.689140D-04	-0.915435D-04	0.246342D-03	0.960050D-04	-0.281745D-04	0.999334D-05	0.102059D-03	0.889135D-05
0.199317D-03								
-0.115724D-02	0.130461D-03	-0.375132D-03	-0.252448D-04	0.400440D-03	0.766358D-04	0.496878D-03	-0.227338D-03	0.528856D-04
-0.196591D-03	0.259773D-02							
-0.511830D-02	0.855616D-03	-0.390942D-03	0.194833D-02	0.931322D-03	0.126086D-03	0.623845D-03	-0.612549D-06	-0.291115D-04
0.936129D-04	-0.362208D-03	0.326926D-02						
-0.112618D-01	0.160970D-02	-0.131800D-02	0.430672D-02	0.157906D-02	-0.180022D-03	0.115517D-02	-0.541489D-04	0.100950D-03
0.310744D-03	-0.251760D-03	0.279592D-02	0.604239D-02					
-0.103185D-02	0.340712D-03	0.323974D-03	0.668856D-03	0.322926D-03	0.388124D-03	0.224513D-03	0.242945D-03	-0.337920D-04
0.118246D-04	0.195105D-03	0.401466D-03	0.831968D-03	0.844833D-02				
-0.712203D-03	-0.394717D-03	-0.247201D-03	0.546307D-04	-0.328658D-03	-0.144744D-03	0.176520D-04	0.209643D-03	-0.437147D-05
-0.107138D-04	0.265501D-04	0.530112D-04	0.919912D-04	0.111253D-03	0.361547D-02			
-0.124444D-02	0.111336D-03	0.933070D-05	0.141554D-03	-0.139269D-03	-0.639164D-03	-0.327308D-03	0.154249D-03	0.237794D-04
-0.134344D-04	0.243816D-03	0.271019D-03	0.285190D-03	0.295192D-03	0.951097D-04	0.335746D-02		
-0.840949D-03	0.396799D-03	0.675238D-04	0.628805D-04	0.139139D-03	0.312189D-03	0.336302D-03	-0.111160D-03	

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     -0.360695D-04   0.633022D-05  -0.174593D-04   0.291303D-05   0.134490D-03   0.295510D-04  -0.109470D-02   0.185355D-03
      0.259704D-02
 -0.186061D-02   0.639014D-03  -0.323496D-03  -0.891459D-04   0.228492D-03  -0.741763D-03   0.211931D-03  -0.203314D-03
     -0.153477D-05   0.398857D-04   0.364335D-05   0.107688D-03   0.195663D-03  -0.105635D-03  -0.714373D-03   0.476626D-04
      0.153587D-02   0.962122D-02
 -0.437189D-01   0.108801D-01  -0.740444D-02   0.231248D-01   0.715072D-02   0.364889D-04   0.668855D-02  -0.654405D-05
     -0.111531D-03   0.840912D-03   0.109880D-02   0.424150D-02   0.983146D-02   0.116333D-03   0.220789D-03   0.724437D-03
      0.135566D-05   0.156903D-02   0.605736D-01
 -0.324693D-03  -0.119004D-03   0.493394D-03  -0.424805D-03  -0.200546D-04   0.198067D-03  -0.374153D-04   0.108026D-04
      0.157776D-04  -0.202807D-04  -0.989862D-05  -0.861944D-04  -0.259903D-03  -0.587420D-04   0.164975D-04  -0.958281D-05
     -0.328211D-04  -0.124952D-03  -0.158377D-02   0.191321D-02
  0.710714D-02  -0.198597D-02   0.133845D-02  -0.418459D-02  -0.145871D-02   0.118455D-03  -0.986982D-03   0.275305D-04
      0.259288D-04  -0.163446D-03  -0.367517D-03  -0.695728D-03  -0.136807D-02  -0.618944D-04   0.146065D-03  -0.253635D-03
     -0.496964D-03  -0.767660D-03  -0.111754D-01   0.362760D-03   0.407134D-02
 -0.312796D-06   0.714832D-07   0.433327D-07   0.176469D-06   0.676777D-07   0.985710D-07   0.342414D-07  -0.387238D-07
     -0.455671D-08  -0.810534D-07   0.171763D-06  -0.383447D-07  -0.154142D-06  -0.182718D-06   0.319491D-06  -0.677727D-06
      0.914460D-07   0.185634D-07   0.293243D-06  -0.167726D-07  -0.411906D-07   0.155297D-08
  0.288044D-08   0.123567D-06  -0.931068D-08   0.768594D-07   0.102028D-06   0.446622D-07   0.407862D-07  -0.499949D-07
      0.618528D-09  -0.692939D-07  -0.683965D-07  -0.461447D-07  -0.440659D-07  -0.101622D-06  -0.940944D-07  -0.366033D-07
      0.327227D-10   0.222680D-07  -0.105407D-06   0.235234D-07   0.168177D-07  -0.751101D-09   0.973585D-09
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ENTIRE SAMPLE TOTAL TRANSFERS TOBIT

113

TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS 2254

DISTRIBUTION OF OBSERVATIONS BY CLASS

LOWER LIMITS	58	(2.6 PCT.)
UPPER LIMITS	0	(0.0 PCT.)
NON LIMITS	2196	(97.4 PCT.)

INDEPENDENT VARIABLE SUMMATIONS

2254.000000
335.0000000
374.0000000
370.0000000
352.0000000
196.0000000
292.0000000
1235.000000
23407.00000
7228.000000
793.0000000
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128.0000000
1379.570410
198.0000000
197.0000000
217.0000000
206.0000000
113.0000000
160.0000000
226.0000000
1135.000000
1622170.000

ITERATION LOG

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  0  -.1000000D+48 -.2228756D-01 -.2698108     -.7839951D-02 -.2854093     -.3423105     -.7784041D-01 -.1849054      .1059818

-.1581946D-02  .1564254      .1561940      .9605609D-01  .9481491D-01  .2089602      .1915791      .7201760D-01  .2682741D-02

-.3081612D-01  .3953810     -.1331463     -.1585136      .1167248      .5486882D-01 -.1641792     -.9910110D-02 -.1413183

-.7886428D-01  .1597914D-02 -.2090008D-02
  1  -16756.16     -.2681147D-01 -.2750701      .6789824D-02 -.3153077     -.3346905     -.1111857     -.1460700      .1203975

-.2062145D-02  .1474355      .1506026      .1098755      .1204905      .2155213      .2062320      .8327960D-01 -.2404138D-02

-.5737953D-01  .2824445     -.1166299     -.1662923      .1279297      .4504751D-01 -.1845537     -.1756143D-01 -.1516209

-.4151379D-01  .1606557D-02 -.2062836D-02
  2  -16752.36     -.2679832D-01 -.2751088      .6802665D-02 -.3153834     -.3347333     -.1112324     -.1460775      .1204300
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     0.637599D-04
-0.129041D-02   0.124269D-03  -0.167943D-03   0.226052D-03   0.115062D-03   0.230867D-04  -0.792916D-04   0.104509D-03
     0.854059D-05   0.202894D-03
-0.124605D-02   0.182623D-03  -0.696699D-03  -0.584346D-04   0.204365D-03  -0.801425D-05   0.191240D-03  -0.224546D-03
     0.515100D-04  -0.191058D-03   0.261726D-02
-0.554267D-02   0.124263D-02  -0.562333D-03   0.217751D-02   0.103033D-02   0.253734D-03   0.312390D-03   0.459854D-05
    -0.310564D-04   0.103166D-03  -0.339299D-03   0.331336D-02
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     0.970580D-04   0.335076D-03  -0.198725D-03   0.288662D-02   0.626158D-02
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    -0.331731D-04   0.107555D-04   0.187870D-03   0.395706D-03   0.813717D-03   0.845832D-02
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    -0.434039D-05  -0.960796D-05   0.287985D-04   0.599030D-04   0.100138D-03   0.113307D-03   0.361960D-02
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    -0.354766D-04   0.309376D-05  -0.234331D-04  -0.724969D-05   0.118823D-03   0.257891D-04  -0.109814D-02   0.178793D-03
     0.260778D-02
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     0.685095D-04  -0.147933D-03  -0.761518D-02   0.132940D-01
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  1627

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS     374   ( 23.0 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS    1253   ( 77.0 PCT.)


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        850.0000000
        444.0000000
        97.00000000
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  .1480237     -.8844848D-01 -.1997301D-01 -.4122223D-01  .6596309D-03 -.2242763D-02
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THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER 3

LOG OF LIKELIHOOD FUNCTION -0.9998261851861293D+04

DEPENDENT VARIABLE=TTRAN_56
CLASS VARIABLE=CLASSTRN

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MAINE	-60.7742	-.957034	63.4994
NASSAU	-30.0317	-.479530	62.6274
FORTSMTH	9.39855	.157274	59.7589
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R_YRS_ED	-13.0138	-2.50881	5.18723
HH_SIZE	47.7076	5.09993	9.35455
R_HARD	20.8968	.620215	33.6928
R_25_44	83.4509	2.05984	40.5134
R_45	95.3427	1.76345	54.0659
INSCHOOL	116.417	1.88793	61.6638
C_3	51.4719	1.26397	40.7226
I_8_BN	64.8388	1.68676	38.4399
C_10_B_I	-80.4689	-2.35193	34.2140
C_10_B_M	45.7109	.693176	65.9442
ATT6MILL	-291.575	-2.45113	118.955
TREATMEN	-72.7838	-2.48800	29.2540
R_MALE	22.4906	.547023	41.1146
TTRAN_FR	.338341	16.1851	.209045D-01

ESTIMATED VARIANCE = 301474.870
ST. ERROR = 549.067273

NEGATIVE INVERSE OF SECOND DERIVATIVES

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-0.149410D-01   0.740331D-02   0.329694D-02   0.100008D-01   0.133748D-01
-0.521377D-02   0.485572D-02   0.446872D-02   0.489589D-02   0.463805D-02   0.130100D-01
-0.100365D-01   0.593389D-02   0.432538D-02   0.587606D-02   0.483199D-02   0.497169D-02   0.118455D-01
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      0.150816D-04   0.290265D-03
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      0.184469D-03   0.490909D-03  -0.445544D-03   0.489602D-02   0.969606D-02
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     -0.553024D-04   0.147557D-04   0.312400D-03   0.747352D-03   0.133971D-02   0.126127D-01
-0.657281D-03  -0.730146D-03  -0.376114D-03   0.175137D-04  -0.526224D-03  -0.209426D-03   0.136972D-03   0.336760D-03
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      0.388290D-02
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS  1627

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS      374   ( 23.0 PCT.)
    UPPER LIMITS        0   (  0.0 PCT.)
      NON LIMITS     1253   ( 77.0 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
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        268.0000000
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  .3677259D-01  .6031668D-03 -.1789548D-02
  2  -9996.404     .7583462     -.5570879     .3283269     -.2736801     -.2129446     -.4494954D-01 -.1229889     .4429502D-02
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 .8775529D-01 -.5293753      .6292655D-01 -.2014308     -.1464865     -.1113592     -.3059905     -.4162798D-01 -.2654922

 .3981593D-01  .6185870D-03 -.1822971D-02
  3  -9995.804      .7584719     -.5571632      .3283895     -.2737138     -.2129605     -.4494538D-01 -.1230127      .4434668D-02

-.2349346D-01  .8714365D-01  .3798647D-01  .1449834      .1729286      .2172816      .9264516D-01  .1161825      -.1473192

 .8777266D-01 -.5294417      .6293587D-01 -.2014606     -.1465017     -.1113788     -.3060373     -.4162569D-01 -.2655425

 .3981756D-01  .6186896D-03 -.1823310D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   3

LOG OF LIKELIHOOD FUNCTION -0.9995803869330654D+04

DEPENDENT VARIABLE=TTRAN_56
CLASS VARIABLE=CLASSTRN

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT      415.986       2.68600        154.872
FLORIDA      -305.578      -3.33372        91.6627
FRESNO        180.106       2.18153        82.5597
KENTUCKY     -150.119      -1.52375        98.5198
MAINE        -116.799      -1.24841        93.5580
NASSAU       -24.6504      -.249849        98.6614
PORTSMTH     -67.4667      -.737998        91.4186
R_WHITE       2.43221       .663113D-01    36.6786
R_YRS_ED     -12.8851      -2.48238        5.19060
HH_SIZE       47.7942       5.09587        9.37901
R_MARRD       20.8338       .616191        33.8106
R_25_44       79.5166       1.95382        40.6980
R_45          94.8432       1.74313        54.4098
INSCHOOL      119.169       1.93219        61.6755
C_3           50.8115       1.24772        40.7234
I_8_BN        63.7207       1.65447        38.5143
C_10_B_I     -80.7977      -2.35960        34.2421
C_10_B_M      43.1392       .729903        65.9529
ATToMILL     -290.374      -2.33642        124.282
T_FLORID      34.5174       .488493        70.6609
T_FRESNO     -110.492      -1.60267        68.9424
T_KENTUC     -80.3493      -1.20937        66.4390
T_MAINE      -61.0860      -.748521        81.6089
T_NASSAU     -167.847      -1.67015        100.498
T_PORTSM     -22.8297      -.264854        86.1974
T_SDIEGO     -145.638      -1.85530        78.4982
R_MALE        21.8381       .520760        41.9350
TTRAN_PR      .339322       16.2164        .209246D-01

ESTIMATED VARIANCE =  300800.836
         ST. ERROR =  548.453130

NEGATIVE INVERSE OF SECOND DERIVATIVES
  0.797381D-01
 -0.287049D-01   0.279323D-01
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-0.144422D-01 0.133903D-01 0.134496D-01 0.127564D-01 0.126274D-01 0.135557D-01 0.277837D-01
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS   765

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS     202   ( 26.4 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS     563   ( 73.6 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        765.0000000
        131.0000000
        135.0000000
        158.0000000
        114.0000000
        55.00000000
        54.00000000
        441.0000000
        7947.000000
        2604.000000
        334.0000000
        443.0000000
        133.0000000
        52.00000000
        237.6153846
        165.0000000
        503.0000000
        51.00000000
        630.5745510
        429.0000000
        533081.0000


ITERATION LOG
  0  -.1000000D+48  1.183266     -.8919741     -.1128989D-01 -.7497874     -.6575439     -.4646401     -.8208182     .1632102

-.4391238D-02  .1188066      .6649792D-01 -.5222584D-01 -.1223446      .4435461      .1996267      .4200277     -.3045935D-01

 .1777616     -.2778306      .1791848D-03  .3591931D-03 -.2051097D-02
  1  -4633.977      .9736038     -.6634981      .3057601     -.3596777     -.2251704     -.2256868     -.3161103     -.3213935D-01

-.2418002D-01  .8241759D-01  .8504392D-01  .1140355      .7756274D-01  .4045143      .1915905      .3024327     -.1564188

-.2173940D-01 -.6131531     -.9485187D-01  .3930775D-03 -.1622459D-02
  2  -4569.056      .9958668     -.6720539      .3316853     -.3477370     -.2086193     -.2222651     -.3045005     -.4246969D-01

-.2493328D-01  .8374235D-01  .8898298D-01  .1245137      .8776553D-01  .4170992      .1962318      .3078414     -.1680500

-.3359557D-01 -.6456296     -.1010447      .4057977D-03 -.1654146D-02
  3  -4568.728      .9960796     -.6721783      .3317502     -.3477976     -.2086544     -.2223090     -.3045621     -.4247873D-01

-.2493620D-01  .8375947D-01  .8899973D-01  .1245377      .8777732D-01  .4171861      .1962743      .3079029     -.1680822

-.3359721D-01 -.6457596     -.1010618      .4058703D-03 -.1654485D-02
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THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER 3

LOG OF LIKELIHOOD FUNCTION -0.4568727722326090D+04

DEPENDENT VARIABLE=TTRAN_56
CLASS VARIABLE=CLASSTRN

VARIABLE	ESTIMATE	T-STATISTIC	SE
CONSTANT	602.048	2.29298	262.561
FLORIDA	-406.276	-3.99103	101.797
FRESNO	200.516	2.31873	86.4764
KENTUCKY	-210.215	-1.72079	122.162
MAINE	-126.114	-1.26184	99.9451
NASSAU	-134.367	-1.24918	107.564
FORTSMITH	-184.033	-1.72392	106.781
R_WHITE	-25.6749	-.430126	59.6915
R_YRS_ED	-15.0719	-1.75501	8.58792
HH_SIZE	50.6257	3.35147	15.1055
R_MARRD	53.7930	.961251	55.9615
R_25_44	75.2728	1.26559	59.4763
R_45	53.0542	.599392	88.4396
INSCHOOL	252.155	2.69686	93.4993
C_3	118.632	1.81116	65.5004
I_8_EN	186.102	2.85232	65.2459
C_10_B_I	-101.592	-1.78502	56.9136
C_10_B_M	-20.3067	-.198144	102.485
ATTSMILL	-390.308	-2.15489	181.127
TREATMEN	-61.0835	-1.29648	47.1149
TTRAN_PR	.245315	7.41009	.331055D-01

ESTIMATED VARIANCE = 365320.691
ST. ERROR = 604.417646

NEGATIVE INVERSE OF SECOND DERIVATIVES

0.1[illegible]707D+00							
-0.4[illegible]972D-01	0.283661D-01						
-0.4[illegible]570D-02	0.807898D-02	0.204702D-01					
-0.6[illegible]41D-01	0.233625D-01	0.662895D-02	0.408504D-01				
-0.3[illegible]314D-01	0.169202D-01	0.697670D-02	0.226955D-01	0.273431D-01			
-0.9[illegible]43D-02	0.996394D-02	0.100343D-01	0.928738D-02	0.923938D-02	0.316709D-01		
-0.2[illegible]512D-01	0.118201D-01	0.102444D-01	0.118189D-01	0.100577D-01	0.104910D-01	0.312115D-01	
-0.3[illegible]44D-02	-0.157825D-04	0.153568D-02	-0.453772D-02	-0.471995D-02	0.660187D-03	0.197577D-02	0.975328D-02
-0.2[illegible]711D-02	0.141788D-03	0.334439D-03	0.389766D-03	0.223604D-03	-0.950747D-04	0.173703D-03	-0.250863D-03
0.201884D-03							
-0.4[illegible]51D-02	0.389428D-03	-0.294753D-03	0.640099D-03	0.449112D-03	-0.151917D-03	-0.113694D-03	0.406441D-03
0.293198D-04	0.624593D-03						
-0.3[illegible]33D-02	0.456528D-04	-0.177001D-02	-0.331897D-03	0.147454D-02	-0.580615D-03	0.245081D-03	-0.866667D-03
0.178202D-03	-0.653584D-03	0.857243D-02					
-0.1[illegible]33D-01	0.267018D-02	-0.607365D-03	0.429859D-02	0.243126D-02	0.321023D-03	0.138719D-02	-0.175650D-03
-0.1[illegible]232D-03	0.293791D-03	-0.162895D-02	0.968307D-02				
-0.3[illegible]79D-01	0.629626D-02	-0.217285D-02	0.117949D-01	0.620059D-02	-0.168607D-02	0.146914D-02	-0.591678D-03
0.[illegible]574D-03	0.103436D-02	-0.104495D-02	0.805492D-02	0.214101D-01			
0.170[illegible]D-02	-0.603038D-03	0.100210D-02	0.144158D-02	0.537312D-03	0.432053D-03	0.428484D-04	-0.460305D-03
-0.207980D-03	-0.189972D-03	0.696046D-03	0.105745D-02	0.176447D-02	0.239300D-01		
0.297132D-04	-0.173950D-02	-0.103546D-02	-0.799876D-03	-0.155984D-02	0.956927D-03	0.321783D-03	0.374652D-03
0.306931D-04	-0.178714D-03	-0.938832D-03	-0.280769D-04	0.241785D-03	0.377319D-03	0.117439D-01	

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-0.557253D-02   0.492328D-03   0.275095D-03   0.122429D-03   0.291834D-03  -0.267990D-02  -0.133027D-02  -0.123211D-03
     0.172082D-03   0.469247D-04   0.448121D-03   0.739082D-03   0.188929D-02   0.392312D-03   0.169930D-03   0.116529D-01
-0.453959D-02   0.146361D-02   0.612814D-03  -0.196298D-03  -0.146776D-05   0.249782D-03   0.421519D-03  -0.361415D-03
    -0.547406D-04  -0.824770D-04  -0.117737D-02  -0.755721D-04   0.634449D-03  -0.973166D-04  -0.256703D-02   0.997099D-03
     0.[illegible]61D-02
-0.119602D-01   0.272321D-02  -0.533076D-03  -0.710434D-03   0.120832D-02  -0.154938D-02  -0.447286D-05  -0.208869D-03
     0.202453D-03   0.322408D-03  -0.126333D-02   0.192938D-03   0.144484D-02  -0.233268D-02  -0.149661D-02   0.562833D-03
     0.603761D-02   0.287503D-01
-0.107[illegible]3D+00   0.282079D-01  -0.846758D-02   0.417501D-01   0.220334D-01  -0.136465D-03   0.481565D-02   0.959994D-03
    -0.142849D-03   0.197040D-02   0.299513D-02   0.698232D-02   0.205295D-01  -0.169155D-02  -0.178794D-02   0.162673D-02
    -0.192286D-03   0.465681D-02   0.893032D-01
 0.594261D-03  -0.930001D-03   0.130146D-02  -0.117634D-02  -0.699593D-03   0.387820D-03   0.666449D-03  -0.330829D-03
     0.744592D-04  -0.116892D-03  -0.367343D-03  -0.163235D-03  -0.828781D-03   0.124509D-03   0.351831D-03  -0.136277D-04
     0.349470D-04  -0.507669D-03  -0.412528D-02   0.607634D-02
-0.104193D-05   0.477938D-06   0.522965D-06   0.729005D-06   0.121277D-06   0.126308D-05   0.653921D-06   0.290867D-07
    -0.223232D-07  -0.355303D-06   0.540519D-06  -0.204811D-06  -0.539710D-06  -0.441886D-06   0.117129D-05  -0.244720D-05
     0.192848D-06  -0.504634D-06   0.247170D-06  -0.585707D-07   0.300004D-08
-0.155221D-05   0.930402D-06  -0.242195D-06   0.630527D-06   0.517605D-06   0.377406D-06   0.671173D-06  -0.584900D-07
     0.267249D-07  -0.132010D-06  -0.809328D-07  -0.844337D-07   0.125452D-07  -0.536875D-06  -0.271154D-06  -0.443830D-06
     0.119339D-06  -0.143303D-06   0.589600D-06   0.871069D-07  -0.516289D-09   0.266194D-08
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS   765

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS     202   ( 26.4 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS     563   ( 73.6 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        765.0000000
        131.0000000
        135.0000000
        159.0000000
        114.0000000
        55.00000000
        54.00000000
        441.0000000
        7947.000000
        2604.000000
        334.0000000
        443.0000000
        133.0000000
        52.00000000
        237.6153846
        165.0000000
        528.0000000
        51.00000000
        630.5745510
        75.00000000
        65.00000000
        89.00000000
        67.00000000
        31.00000000
        27.00000000
        75.00000000
        533081.0000


ITERATION LOG
  0  -.1000000D+48  1.046631     -.8551801      .2217229     -.6248920     -.4663606     -.2160117     -.9149393      .1636705

-.4018339D-02  .1217686      .4917115D-01 -.3242336D-01 -.1011032      .4397685      .1912679      .4413135     -.4365520D-01

 .1550351     -.2650057      .1363544     -.2369309     -.1948755D-02 -.1231373     -.2725854      .4731637      .2158636

 .3472652D-03 -.2051304D-02
  1  -4703.423      1.169628     -1.036559      .1164769     -.5672772     -.4824729     -.2442946     -.5873718     -.2904253D-01

-.2250534D-01  .8220282D-01  .8519505D-01  .1053164      .7142305D-01  .4242736      .2012432      .3099808     -.1470790

-.1521503D-02 -.6390255      .1956069     -.9448755D-01 -.9856994D-01 -.9000550D-02 -.4171144      .5808014D-01 -.4093633

 .4233581D-03 -.1631394D-02
  2  -4365.062      1.213027     -1.077651      .1186210     -.5769799     -.4937948     -.2512085     -.5975258     -.3972859D-01
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-.2327037D-01  .8309743D-01  .9086265D-01  .1136016      .8063692D-01  .4409135      .2064875      .3142027      -.1571916

-.1369758D-01 -.6735925      .2096721      -.9410457D-01 -.1038885     -.2892239D-02 -.4410855      .5126426D-01 -.4617151

 .4181663D-03 -.1660937D-02
  3  -4564.892      1.213269      -1.077857      .1186363      -.5770722      -.4938675      -.2512415      -.5976496      -.3975440D-01

-.2327309D-01  .8311151D-01  .9088973D-01  .1136235      .8065372D-01  .4410177      .2065262      .3142499      -.1572267

-.1371974D-01 -.6737298      .2097322      -.9412178D-01 -.1039010     -.2890473D-02 -.4411975      .5130343D-01 -.4619258

 .4182451D-03 -.1661222D-02


THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   3

LOG OF LIKELIHOOD FUNCTION -0.4564891539150674D+04

DEPENDENT VARIABLE=TTRAN_56
CLASS VARIABLE=CLASSTRN

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT      730.347       2.67085       273.451
FLORIDA      -648.834      -4.41343       147.013
FRESNO        71.4151       .565931       126.190
KENTUCKY     -347.378      -2.26218       153.559
MAINE        -297.292      -2.12385       139.978
NASSAU       -151.239      -.931931       162.286
FORTSMTH     -359.765      -2.35363       152.855
R_WHITE      -23.9308      -.401620       59.5858
R_YRS_ED     -14.0096      -1.63292       8.57948
HH_SIZE       50.0304       3.30838       15.1223
R_MARRD       54.7126       .968504       56.4919
R_25_44       68.3976       1.14298       59.8415
R_45          48.5508       .542431       89.5061
INSCHOOL      265.478       2.84082       93.4510
C_3           124.322       1.89287       65.6790
I_8_BN        189.168       2.89325       65.3825
C_10_B_I     -94.6452      -1.65963       57.0280
C_10_B_M     -8.25882      -.806231D-01   102.437
ATT6MILL     -405.563      -2.15492       188.203
T_FLORID      126.252       1.04958       120.288
T_FRESNO     -56.6582      -.530724       106.756
T_KENTUC     -62.5450      -.618185       101.175
T_MAINE      -1.73997      -.145167D-01   119.860
T_NASSAU     -265.586      -1.50081       176.962
T_FORTSM      30.8830       .180729       170.880
T_[illegible]  -278.064     -2.25919       123.031
TTRAN_FR      .251770       7.57341       .332439D-01

ESTIMATED VARIANCE =  362363.821
         ST. ERROR =  601.966628

NEGATIVE INVERSE OF SECOND DERIVATIVES
   0.206355D+00
  -0.680553D-01   0.596444D-01
  -0.129538D-01   0.205870D-01   0.439448D-01
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-0.780774D-01   0.412403D-01   0.203965D-01   0.650738D-01
-0.472462D-01   0.318971D-01   0.220324D-01   0.358896D-01   0.540720D-01
-0.231734D-01   0.243475D-01   0.245848D-01   0.236460D-01   0.239360D-01   0.726801D-01
-0.233578D-01   0.240767D-01   0.261621D-01   0.231923D-01   0.233828D-01   0.252789D-01   0.644787D-01
-0.386622D-02   0.412784D-04   0.144232D-02  -0.479217D-02  -0.450031D-02   0.120958D-02   0.188228D-02   0.979807D-02

-0.215967D-02   0.263468D-05   0.321034D-03   0.356597D-03   0.180397D-03  -0.808097D-04   0.223392D-03  -0.252279D-03
    0.203132D-03
-0.434194D-02   0.567816D-03  -0.383513D-03   0.546855D-03   0.502776D-03  -0.627689D-04  -0.329317D-03   0.414929D-03
    0.267936D-04   0.631090D-03
-0.459186D-02   0.118788D-02  -0.249095D-02  -0.740699D-04   0.449844D-03   0.242022D-03  -0.373317D-03  -0.858284D-03
    0.172881D-03  -0.634397D-03   0.680698D-02
-0.150203D-01   0.391055D-02  -0.123732D-03   0.583074D-02   0.283114D-02   0.460242D-03   0.616522D-03  -0.208251D-03
   -0.137379D-03   0.293340D-03  -0.155142D-02   0.988234D-02
-0.404433D-01   0.787212D-02  -0.250844D-02   0.132287D-01   0.505871D-02  -0.304092D-02  -0.109988D-02  -0.662127D-03
    0.442095D-03   0.105158D-02  -0.816003D-03   0.837410D-02   0.221086D-01
 0.254356D-02  -0.219769D-02   0.681647D-03   0.122091D-02  -0.510067D-03  -0.368722D-03  -0.945320D-03  -0.498599D-03
   -0.201632D-03  -0.207106D-03   0.662181D-03   0.107690D-02   0.181507D-02   0.241003D-01
 0.110917D-03  -0.211401D-02  -0.181039D-02  -0.641817D-03  -0.135627D-02   0.196049D-02   0.532928D-03   0.401284D-03
    0.362546D-04  -0.178731D-03  -0.921684D-03  -0.517120D-04   0.135579D-03   0.368564D-03   0.119044D-01
-0.573935D-02   0.354585D-03   0.123375D-02   0.106513D-02   0.504735D-03  -0.114314D-02  -0.367536D-03  -0.131347D-03
    0.173998D-03   0.278467D-04   0.435067D-03   0.747144D-03   0.182197D-02   0.431415D-03   0.210643D-03   0.117972D-01
-0.356405D-02   0.359918D-03  -0.602373D-03  -0.150258D-02  -0.100298D-02  -0.147985D-02  -0.504319D-03  -0.369841D-03
   -0.537941D-04  -0.825337D-04  -0.118694D-02  -0.140446D-03   0.616502D-03  -0.716705D-04  -0.257960D-02   0.913691D-03
    0.897494D-02
-0.115637D-01   0.170701D-02  -0.189885D-02  -0.945085D-03   0.108633D-02  -0.160460D-02  -0.131411D-02  -0.195746D-03
    0.205810D-03   0.323929D-03  -0.125240D-02   0.195266D-03   0.143299D-02  -0.228489D-02  -0.136647D-02   0.548605D-03
    0.607237D-02   0.289583D-01
-0.115360D+00   0.359319D-01  -0.126445D-01   0.432550D-01   0.184727D-01  -0.945607D-03  -0.342137D-02   0.972171D-03
   -0.216160D-03   0.213053D-02   0.409566D-02   0.772770D-02   0.224487D-01  -0.196905D-02  -0.195023D-02   0.116965D-02
   -0.159491D-03   0.473414D-02   0.977481D-01
 0.173189D-01  -0.271019D-01   0.332644D-02  -0.612935D-02  -0.290712D-02   0.474000D-04   0.871217D-03  -0.420182D-03
    0.244015D-03  -0.423754D-03  -0.222900D-02  -0.111326D-02  -0.320395D-02   0.170697D-02   0.868436D-03   0.114539D-02
    0.154201D-03   0.165894D-03  -0.170124D-01   0.399303D-01
 0.628551D-03  -0.749229D-03  -0.151642D-01  -0.108599D-02  -0.466311D-03   0.637495D-03   0.296333D-03  -0.134935D-03
    0.826528D-04  -0.685178D-04   0.273011D-03  -0.392554D-03  -0.138913D-02  -0.345955D-03   0.191031D-02  -0.456370D-03
    0.379794D-03   0.977766D-03  -0.195447D-02   0.367317D-03   0.314516D-01
 0.543339D-02  -0.156621D-02   0.500334D-03  -0.177380D-01  -0.916720D-03   0.695899D-04   0.287698D-03   0.701082D-04
    0.431789D-04   0.826013D-04  -0.482271D-03  -0.141125D-02  -0.239846D-02  -0.688335D-03  -0.192101D-03  -0.833541D-03
    0.538310D-03  -0.121121D-02  -0.436307D-02   0.580057D-03   0.167489D-03   0.282490D-01
-0.317611D-02   0.744177D-03  -0.317966D-03   0.147951D-02  -0.224956D-01  -0.178203D-03  -0.949438D-04  -0.734998D-03
    0.835270D-04  -0.216693D-03   0.141938D-02   0.333318D-03   0.142388D-02   0.786807D-03  -0.152052D-03   0.600559D-03
   -0.420099D-04  -0.137816D-02   0.193235D-02  -0.360868D-03  -0.768080D-04  -0.289591D-03   0.396463D-01
 0.791654D-02  -0.166232D-02   0.139091D-02  -0.951835D-03  -0.473769D-03  -0.473761D-01   0.447549D-03  -0.129943D-02
    0.124159D-04  -0.332384D-03  -0.225446D-02   0.418563D-03   0.949851D-03   0.445079D-03  -0.150274D-02  -0.162785D-02
    0.127189D-02  -0.153406D-02  -0.599912D-02   0.122540D-02  -0.404089D-03   0.503832D-03  -0.110122D-03   0.864199D-01
-0.124103D-01   0.348415D-02  -0.148602D-02   0.464231D-02   0.199766D-02   0.533858D-05  -0.386581D-01  -0.124732D-03
   -0.803500D-04   0.263687D-03   0.543818D-03   0.251676D-02   0.400704D-02   0.887826D-03  -0.165193D-03  -0.680680D-03
   -0.199287D-03   0.916107D-03   0.978955D-02  -0.179788D-02  -0.228928D-03  -0.811126D-03   0.316974D-03  -0.615425D-03
    0.805819D-01
-0.154120D-01   0.221446D-01   0.260516D-01   0.220791D-01   0.238148D-01   0.246853D-01   0.252425D-01  -0.321737D-03
    0.427294D-04  -0.182717D-03  -0.788082D-03   0.627162D-03  -0.140683D-02  -0.898903D-03   0.272298D-03   0.111610D-02
   -0.162525D-02  -0.154513D-02  -0.744281D-02   0.144804D-02  -0.795959D-04   0.200777D-03  -0.202516D-03   0.564423D-03
   -0.265591D-03   0.418060D-01
-0.921346D-06   0.167226D-07  -0.351481D-06   0.452022D-06  -0.589627D-06   0.985101D-06  -0.240266D-06   0.319131D-07
   -0.220155D-07  -0.351202D-06   0.595865D-06  -0.188447D-06  -0.465908D-06  -0.406460D-06   0.120874D-05  -0.246367D-05
    0.224136D-06  -0.437137D-06   0.544607D-06  -0.789914D-07   0.513066D-06  -0.344915D-06   0.313373D-06  -0.553536D-06
    0.677618D-06  -0.100386D-05   0.304935D-08
-0.165630D-05   0.120533D-05  -0.159740D-06   0.786569D-06   0.661191D-06   0.267154D-06   0.102934D-05  -0.640600D-07
    0.291137D-07  -0.134460D-06  -0.842381D-07  -0.857929D-07   0.895346D-08  -0.557093D-06  -0.277437D-06  -0.451735D-06
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0.118618D-06	-0.161845D-06	0.581088D-06	-0.150803D-06	0.189618D-06	0.518245D-07	0.771002D-07	0.529528D-06
-0.364719D-06	0.300985D-06	-0.527503D-09	0.268302D-08				

TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS 862

DISTRIBUTION OF OBSERVATIONS BY CLASS

LOWER LIMITS	172	(20.0 PCT.)
UPPER LIMITS	0	(0.0 PCT.)
NON LIMITS	690	(80.0 PCT.)

INDEPENDENT VARIABLE SUMMATIONS

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        262.0000000
        157.0000000
        133.0000000
        145.0000000
        94.00000000
        81.00000000
        119.0000000
        453.0000000
        8777.000000
        2765.000000
        204.0000000
        407.0000000
        311.0000000
        45.00000000
        232.3846154
        202.0000000
        379.0000000
        40.00000000
        553.8242751
        531.0000000
        674402.0000
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ITERATION LOG

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  0  -.1000000D+48  .6426392     -.8791181D-01  .3591635     -.1533302     -.5451561D-01  .8909682D-01  .1894033D-01  .2362620

-.2943373D-01  .1318892      .3999076D-01 -.3834025D-01  .2829316D-01  .1055521     -.6333760D-01 -.2378612     -.8082951D-02

 .3356087      .4337021D-01 -.2373176D-01  .9982323D-03 -.2565508D-02
  1  -5499.728      .6187158     -.1009796      .3720139     -.1156798     -.4155539D-01  .3019136D-01  .1941257      .2773830D-01

-.2535808D-01  .7841727D-01 -.5009868D-01  .1266333      .1862615      .5639279D-02 -.1048437     -.5989959D-01 -.9344185D-01

 .2[illegible]38      -.4614698     -.1357695      .8500287D-03 -.2045348D-02
  2  [illegible]      .6414067     -.1038575      .3827732     -.1177340     -.4386535D-01  .3028132D-01  .1986397      .2242091D-01

-.2618714D-01  .7835060D-01 -.5205927D-01  .1359161      .1967919     -.9063338D-03 -.1105347     -.6153501D-01 -.9701945D-01

 .2887334      -.4854576     -.1437452      .8724878D-03 -.2086863D-02
  3  -5387.354      .6415466     -.1038507      .3828820     -.1177181     -.4383620D-01  .3031918D-01  .1986943      .2242884D-01

-.2618990D-01  .7887419D-01 -.5207379D-01  .1359503      .1968328     -.8998681D-03 -.1105601     -.6153292D-01 -.9703487D-01

 .2887920      -.4855124     -.1437507      .8726217D-03 -.2087297D-02
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THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER = 3

LOG OF LIKELIHOOD FUNCTION -0.5387354276227555D+04

DEPENDENT VARIABLE=TTRAN_56
CLASS VARIABLE=CLASSTRN

VARIABLE	ESTIMATE	T-STATISTIC	SE
CONSTANT	307.358	1.61449	190.375
FLORIDA	-49.7537	-.677106	73.4799
FRESNO	183.434	2.87978	63.6974
KENTUCKY	-56.3974	-.621361	90.7643
MAINE	-21.0014	-.263394	79.7338
NASSAU	14.5256	.198486	73.1819
FORTSMTH	95.1921	1.37000	69.4833
R_WHITE	10.7454	.242518	44.3076
R_YRS_ED	-12.5468	-2.01720	6.21990
HH_SIZE	37.7877	3.32101	11.3784
R_MARRD	-24.9479	-.606336	41.1454
R_25_44	65.1322	1.17124	55.6094
R_45	94.3003	1.35362	69.6654
INSCHOOL	-.431116	-.539605D-02	79.8948
C_3	-52.9681	-1.04046	50.9081
I_8_BN	-29.4797	-.656100	44.9317
C_10_B_I	-46.4883	-1.11972	41.5177
C_10_B_M	138.352	1.62811	84.9769
ATTGNILL	-232.603	-1.45003	160.413
TREATMEN	-68.8693	-1.95171	35.2866
TTRAN_FR	.418063	15.8190	.264279D-01

ESTIMATED VARIANCE = 229525.738
ST. ERROR = 479.088445

NEGATIVE INVERSE OF SECOND DERIVATIVES

0.157902D+00
-0.374335D-01 0.235237D-01
-0.456467D-02 0.669158D-02 0.176771D-01
-0.541318D-01 0.196693D-01 0.502716D-02 0.358921D-01
-0.318337D-01 0.139953D-01 0.644381D-02 0.189328D-01 0.276983D-01
-0.113252D-01 0.967674D-02 0.828580D-02 0.957438D-02 0.918577D-02 0.233333D-01
-0.212453D-01 0.122922D-01 0.798261D-02 0.118449D-01 0.957085D-02 0.100454D-01 0.210344D-01
-0.182000D-02 0.957018D-03 0.148851D-02 -0.367603D-02 -0.391789D-02 0.430896D-03 0.283819D-02 0.855313D-02

-0.179660D-02 -0.109875D-03 0.108152D-03 0.200403D-03 0.481092D-04 -0.107665D-03 -0.108981D-03 -0.280872D-03
0.168553D-03
-0.407074D-02 0.506806D-03 0.673060D-04 0.818482D-03 0.483072D-03 0.102369D-03 0.872081D-04 0.315866D-03
0.315762D-04 0.564066D-03
-0.229698D-02 0.532807D-03 -0.226558D-03 -0.593895D-03 0.132291D-02 0.120782D-02 0.192009D-02 -0.641922D-03
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-0.369660D-04 0.228574D-03 0.639567D-03 0.231052D-02 0.384940D-02 0.278103D-01
-0.184274D-02 -0.121150D-02 -0.118562D-03 0.591754D-03 -0.777436D-03 -0.105219D-02 0.526021D-03 0.934194D-03
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TWO LIMIT PROBIT ANALYSIS

NUMBER OF OBSERVATIONS   862

DISTRIBUTION OF OBSERVATIONS BY CLASS
    LOWER LIMITS     172   ( 20.0 PCT.)
    UPPER LIMITS       0   (  0.0 PCT.)
      NON LIMITS     690   ( 80.0 PCT.)


INDEPENDENT VARIABLE SUMMATIONS
        862.0000000
        157.0000000
        133.0000000
        145.0000000
        94.00000000
        81.00000000
        119.0000000
        453.0000000
        8777.000000
        2765.000000
        284.0000000
        407.0000000
        311.0000000
        45.00000000
        232.3546154
        202.0000000
        379.0000000
        40.00000000
        553.8242751
        95.00000000
        73.00000000
        88.00000000
        58.00000000
        43.00000000
        72.00000000
        97.00000000
        674402.0000


ITERATION LOG
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 .3340354     -.1576992      .2424015D-01 -.1262858     -.8933439D-01 -.1367417      .5490176D-01 -.1967644      .4178388

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  1  -5500.531      .5687563     -.7117940D-01  .5861990      .1559172D-02  .1257240      .1675459      .3333342      .2402339D-01

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 .2815903     -.5484928     -.9738618D-02 -.2822461     -.1630508     -.2240470     -.1565783     -.1719814      .4961496D-01

 .8540519D-03 -.2051325D-02
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 .8751065D-03 -.2090716D-02
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 .8750305D-03 -.2091108D-02

THE ITERATION PROCESS HAS CONVERGED

ITERATION NUMBER   3

LOG OF LIKELIHOOD FUNCTION -0.5386255198233849D+04

DEPENDENT VARIABLE=TTRAN_56
CLASS VARIABLE=CLASSTRN

VARIABLE     ESTIMATE     T-STATISTIC      SE

CONSTANT     285.216        1.40844        202.505
FLORIDA     -40.3302       -.357022        112.963
FRESNO       283.078        2.67882        105.673
KENTUCKY    -3.41551       -.276329D-01    123.603
MAINE        58.0184        .473481        122.536
NASSAU       76.6635        .639213        119.934
PORTSMTH     157.795        1.43263        110.144
R_WHITE      8.48457        .191339        44.3431
R_YRS_ED    -12.3858       -1.98903        6.22705
HH_SIZE      36.9996        3.23952        11.4213
R_MARRD     -26.8740       -.652774        41.1688
R_25_44      58.8752        1.05356        55.8823
R_45         88.2218        1.25591        70.2456
INSCHOOL     7.05806        .881535D-01    80.0655
C_3         -50.2706       -.986409        50.9632
I_8_EN      -27.3005       -.606636        45.0032
C_10_B_I    -43.6726       -1.05031        41.5805
C_10_B_N     139.559        1.62676        85.1741
ATTCHILL    -273.971       -1.60550        170.646
T_FLORID    -4.73459       -.577173D-01    82.0307
T_FRESNO    -139.856       -1.61148        86.7876
T_KENTUC    -80.8951       -.963293        83.9788
T_MAINE     -113.431       -1.04219        108.839
T_NASSAU    -77.6594       -.677048        114.703
T_PORTSM    -84.6871       -.923952        91.6575
T_SDIEGO     14.5657        .149110        97.6845
TTRAN_PR     .418549        15.8048        .264824D-01

ESTIMATED VARIANCE =  228689.921
         ST. ERROR =  478.215350

NEGATIVE INVERSE OF SECOND DERIVATIVES
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  -0.194[illegible]D-01   0.258371D-01   0.488290D-01
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>>> MALES <<<

ANY TREATMENT ACTIVITY AFTER APPLIC. OR MADE REQUIRED CONTACTS BEFORE

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-.86746105	.60101545	-1.4433257	
2	FLORIDA	-.11388424	.30785908	-.36992329	
3	FRESNO	.89785572	.26705447	3.3620696	
4	KENTUCKY	-1.0547594	.38618351	-2.7312388	
5	MAINE	-.12055132	.30334946	-.39740082	
6	NASSAU	1.2320870	.34249812	3.5973539	
7	FORTSMTH	-.73999374	.37077441	-1.9958059	
8	R_WHITE	-.81875826D-01	.12425015	-.65895959	RESPONDENT IS WHITE
9	R_YRS_ED	.45441264D-01	.18453867D-01	2.4624250	RESPONDENT'S YEARS OF EDUCATION
10	R_MARRD	.26514177D-01	.11980723	.22130699	RESPONDENT IS MARRIED
11	R_25_44	.59581644D-01	.12616196	.47226314	RESPONDENT AGE 25 - 44
12	R_45	.31694859	.18571744	1.7066173	RESPONDENT AGE 45 OR OVER
13	INSCHOOL	-.28745740	.20401236	-1.4090195	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
14	C_3	-.50728357	.13952810	-3.6357091	E:14-26 / 13
15	I_8_BN	-.30397536D-01	.13160290	-.23097924	WEEKS 14-26: ANY WELFARE $
16	C_10_B_I	.81751309D-01	.12025592	.67981108	ANY WORK IN 1982 - MISSING SET TO 0
17	C_10_B_M	.18426807	.23273213	.79176034	ANY WORK IN 1982 MISSING
18	ATT6MILL	-.26989033	.41186681	-.65528545	6 MONTH SURVEY ATTRITION MILLS RATIO
19	I_4_BN	-.18807637	.12434933	-1.5124840	WEEKS 14-26: ANY FS $
20	HH_LT_18	.53690225D-01	.41304369D-01	1.2998679	# HH MEMBERS < AGE 18
21	HH_18	.54202508D-01	.60025849D-01	.90298611	# HH MEMBERS 18 OR OLDER
22	L_I18_I	-.30125898D-02	.22335166D-01	-.13488101	WEEKS 14-26: LOG I_18 - MISSING SET TO 0
23	I_18_M	-.99064781D-01	.20119825	-.49237398	I_18 MISSING
24	T_FLORID	.78178616	.24299154	3.2173390	
25	T_FRESNO	.18202186	.21435757	.84915061	
26	T_KENTUC	2.0068964	.28871302	6.9511807	
27	T_MAINE	.32321389	.25796812	1.2529219	
28	T_NASSAU	.26994709	.37389030	.72199543	
29	T_FORTSM	1.5878513	.38718791	4.1009838	
30	T_SDIEGO	1.0629463	.25624805	4.1481146	

OBSERVATIONS

A_13	= 0:	449
A_13	= 1:	372
TOTAL:		821

(-2.0) TIMES LOG LIKELIHOOD RATIO: 221.33949

DEGREES OF FREEDOM: 29

>>> FEMALES <<<

ANY TREATMENT ACTIVITY AFTER APPLIC. OR MADE REQUIRED CONTACTS BEFORE

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.4757114	.58820434	-2.5088415	
2	FLORIDA	-.24054884	.35219881	-.68299165	
3	FRESNO	.65196569	.30599529	2.1306397	
4	KENTUCKY	-.59382321	.41532805	-1.4418078	
5	MAINE	-.42371303	.40715399	-1.0406702	
6	NASSAU	.60730752	.32900991	1.8458639	
7	PORTSMTH	-.66185030D-02	.33865123	-.19543715D-01	
8	R_WHITE	-.17200543D-01	.11681182	-.14725002	RESPONDENT IS WHITE
9	R_YRS_ED	.31006156D-01	.17245430D-01	1.7979346	RESPONDENT'S YEARS OF EDUCATION
10	R_MARRD	-.45859212	.11930081	-3.8439984	RESPONDENT IS MARRIED
11	R_25_44	.59088764D-01	.15115203	.39092274	RESPONDENT AGE 25 - 44
12	R_45	-.12833362	.18691737	-.68657941	RESPONDENT AGE 45 OR OVER
13	INSCHOOL	-.66796893D-02	.21023888	-.31771903D-01	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
14	C_3	-.16534148	.13507775	-1.2240467	E:14-26 / 13
15	I_8_BN	-.13214854	.12140557	-1.0884883	WEEKS 14-26: ANY WELFARE $
16	C_10_B_I	.33970751	.11250556	3.4638957	ANY WORK IN 1982 - MISSING SET TO 0
17	C_10_B_M	-.83928431D-01	.23619653	-.35533304	ANY WORK IN 1982 MISSING
18	ATT6MILL	-.17869935	.47011842	-.38011560	6 MONTH SURVEY ATTRITION MILLS RATIO
19	I_4_BN	.53841058D-01	.10951466	.49163334	WEEKS 14-26: ANY FS $
20	HH_LT_18	.78735548D-01	.39923727D-01	1.9721492	# HH MEMBERS < AGE 18
21	HH_18	.35126619D-01	.54234161D-01	.64768438	# HH MEMBERS 18 OR OLDER
22	L_I18_I	.13489814D-01	.24669997D-01	.54681055	WEEKS 14-26: LOG I_18 - MISSING SET TO 0
23	I_18_M	-.12243605	.21367637	-.57299762	I_18 MISSING
24	T_FLORID	1.4034167	.25609757	5.4800079	
25	T_FRESNO	.62962704	.22926691	2.7462622	
26	T_KENTUC	2.2119061	.31084852	7.1157043	
27	T_MAINE	.76426344	.35708850	2.1402634	
28	T_NASSAU	.63191151	.28140593	2.2455515	
29	T_PORTSM	1.0492664	.26854212	3.9072696	
30	T_SDIEGO	1.3851383	.28197887	4.9122060	

OBSERVATIONS

A_13 = 0: 565
A_13 = 1: 364
TOTAL: 929

(-2.0) TIMES LOG LIKELIHOOD RATIO: 237.32935
DEGREES OF FREEDOM: 29

<26WEEK23>=====> STAGE 2 EQUATIONS <===== 21:43 TUESDAY, NOVEMBER 27, 1984 7

>>> MALES <<<

ENGAGED IN ANY TREATMENT ACTIVITY

EARNINGS

INCLUDING EARNINGS BEFORE APPLICATION

MODEL:	MODEL01	SSE	6653.811	F RATIO 7.86
		DFE	738	PROB>F 0.0001
DEP VAR:	L_IIR	MSE	9.016004	R-SQUARE 0.1828

POST APP 2: LOG EARNINGS MODULE 4

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-1.446374	1.272154	-1.1369	0.2559	
FLORIDA	1	0.775949	0.466184	1.6645	0.0964	
FRESNO	1	-0.381117	0.407843	-0.9345	0.3504	
KENTUCKY	1	0.088300	0.572597	0.1542	0.8775	
MAINE	1	0.560417	0.497970	1.1254	0.2608	
NASSAU	1	0.419268	0.516641	0.8115	0.4173	
PORTSMTH	1	-0.330792	0.491800	-0.6726	0.5014	
R_WHITE	1	0.725039	0.281554	2.5751	0.0102	RESPONDENT IS WHITE
R_YRS_ED	1	0.054892	0.042029	1.3060	0.1919	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	0.166988	0.069579	2.4000	0.0166	# MEMBERS IN HOUSEHOLD
R_MARRD	1	0.787961	0.262328	3.0037	0.0028	RESPONDENT IS MARRIED
R_25_44	1	0.106518	0.282165	0.3775	0.7059	RESPONDENT AGE 25 - 44
R_45	1	-0.754137	0.425029	-1.7743	0.0764	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.137635	0.451605	-0.3048	0.7606	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.619680	0.523929	1.1828	0.2373	E:14-26 / 13
I_8_FN	1	-0.522803	0.291245	-1.7951	0.0731	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	1.244061	0.273950	4.5412	0.0001	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	0.487011	0.513530	0.9484	0.3433	ANY WORK IN 1982 MISSING
ATTRMILL	1	0.986079	0.844411	1.1678	0.2433	6 MONTH SURVEY ATTRITION MILLS RATIO
I_4_FN	1	0.104417	0.252946	0.4128	0.6799	WEEKS 14-26: ANY FS $
L_IIR	1	0.105338	0.060035	1.7546	0.0797	PRE APP: LOG EARNINGS MODULE 4
P_13	1	0.491681	0.620539	0.7923	0.4284	P(A_13) - ANY TREATMENT ACTIVITY

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<26WEEK24>=====> 1 STAGE TREATMENT ACTIVITY EQUATIONS <=====

>>> MALES <<<

19:01 WEDNESDAY, NOVEMBER 28, 1934

ENGAGED IN ANY TREATMENT ACTIVITY

EARNINGS

INCLUDING EARNINGS BEFORE APPLICATION

MODEL:	MODEL01	SSE	6608.893	F RATIO	7.85
		DFE	735	PROB>F	0.0001
DEP VAR:	L_I1R	MSE	8.991691	R-SQUARE	0.1832

POST APP 2: LOG EARNINGS MODULE 4

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-1.369817	1.259424	-1.0877	0.2771	
FLORIDA	1	0.808395	0.462796	1.7468	0.0811	
FRESNO	1	-0.161414	0.403838	-0.3997	0.6895	
KENTUCKY	1	0.129890	0.569456	0.2281	0.8196	
MAINE	1	0.372909	0.488964	0.7627	0.4459	
NASSAU	1	0.583377	0.492989	1.1833	0.2371	
PORTSMTH	1	-0.417917	0.477030	-0.8761	0.3813	
R_WHITE	1	0.671532	0.279777	2.4002	0.0166	RESPONDENT IS WHITE

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<26WEEK23>=====> STAGE 2 EQUATIONS <===== 21:43 TUESDAY, NOVEMBER 27, 1984 88

>>> FEMALES <<<

ENGAGED IN ANY TREATMENT ACTIVITY

EARNINGS

INCLUDING EARNINGS BEFORE APPLICATION

MODEL:	MODEL01	SSE	5713.641	F RATIO	19.59
		DFE	882	PROB>F	0.0001
DEP VAR:	L_I1R	MSE	6.478051	R-SQUARE	0.3180

POST APP 2: LOG EARNINGS MODULE 4

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	0.209165	0.975209	0.2145	0.8302	
FLORIDA	1	-0.433011	0.368734	-1.1743	0.2406	
FRESNO	1	-0.658371	0.316050	-2.0831	0.0375	
KENTUCKY	1	-1.094358	0.453291	-2.4143	0.0160	
MAINE	1	-0.941277	0.415129	-2.2674	0.0236	
NASSAU	1	-0.402220	0.372787	-1.0790	0.2809	
FORTSMTH	1	-1.024801	0.345980	-2.9620	0.0031	
R_WHITE	1	0.330287	0.219741	1.5031	0.1332	RESPONDENT IS WHITE
R_YRS_ED	1	0.110046	0.031324	3.5131	0.0005	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.014504	0.055413	-0.2617	0.7936	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-0.255261	0.213812	-1.1939	0.2329	RESPONDENT IS MARRIED
R_25_44	1	0.197230	0.270266	0.7298	0.4657	RESPONDENT AGE 25 - 44
R_45	1	0.042204	0.337869	0.1249	0.9006	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.810065	0.407515	-1.9878	0.0471	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	2.098179	0.459792	4.5633	0.0001	E:14-26 / 13
I_8_EN	1	-0.068274	0.219540	-0.3110	0.7559	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.967357	0.214017	4.5200	0.0001	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	0.535771	0.446728	1.1993	0.2307	ANY WORK IN 1982 MISSING
ATTRMILL	1	0.039836	0.805452	0.0495	0.9606	6 MONTH SURVEY ATTRITION MILLS RATIO
I_4_EN	1	-0.167769	0.191893	-0.8743	0.3822	WEEKS 14-26: ANY FS $
L_I0P	1	0.089190	0.058614	1.5216	0.1285	PRE APP: LOG EARNINGS MODULE 4
P_13	1	1.087412	0.430576	2.5255	0.0117	P(A_13) - ANY TREATMENT ACTIVITY

<26WEEK24>=====> 1 STAGE TREATMENT ACTIVITY EQUATIONS <===== 19:01 WEDNESDAY, NOVEMBER 28, 1

>>> FEMALES <<<

ENGAGED IN ANY TREATMENT ACTIVITY

EARNINGS

INCLUDING EARNINGS BEFORE APPLICATION

MODEL: MODEL01

SSE	5669.222	F RATIO	19.26
DFE	873	PROB>F	0.0001
MSE	6.493955	R-SQUARE	0.3166

DEP VAR: L_I1R
POST APP 2: LOG EARNINGS MODULE 4

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	0.408450	0.977701	0.4178	0.6762	
FLORIDA	1	-0.472642	0.359395	-1.3155	0.2010	
FRESNO	1	-0.616464	0.316949	-1.9450	0.0521	
KENTUCKY	1	-1.026841	0.453833	-2.2626	0.0239	
MAINE	1	-1.138007	0.408644	-2.7868	0.0054	
NASSAU	1	-0.341132	0.374241	-0.9115	0.3623	
PORTSMTH	1	-1.050023	0.343709	-3.0550	0.0023	
R_WHITE	1	0.363671	0.220342	1.6505	0.0992	RESPONDENT IS WHITE
R_YRS_ED	1	0.107994	0.031596	3.4180	0.0007	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	0.001170885	0.054650	0.0214	0.9829	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-0.363064	0.209467	-1.7333	0.0834	RESPONDENT IS MARRIED
R_25_44	1	0.278328	0.269405	1.0350	0.3010	RESPONDENT AGE 25 - 44
R_45	1	0.030690	0.339215	0.0905	0.9279	RESPONDENT AGE 45 OR OVER
INCSCHOOL	1	-0.695177	0.409089	-1.6993	0.0896	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	2.295733	0.471722	4.8667	0.0001	E:14-26 / 13
I_8_EN	1	-0.064843	0.221156	-0.2932	0.7694	WEEKS 14-26: ANY WELFARE $
C_10_8_I	1	1.123063	0.210493	5.3353	0.0001	ANY WORK IN 1982 - MISSING SET TO 0
C_10_8_M	1	0.529646	0.447792	1.1828	0.2372	ANY WORK IN 1982 MISSING
ATTRITIL	1	0.169417	0.804766	0.2105	0.8333	6 MONTH SURVEY ATTRITION MILLS RATIO
I_4_EN	1	-0.150139	0.194095	-0.7735	0.4394	WEEKS 14-26: ANY FS $
L_I2P	1	0.060523	0.060234	1.0048	0.3153	PRE APP: LOG EARNINGS MODULE 4
A_13	1	0.145639	0.181318	0.8032	0.4221	ANY POST TRMT. ACT. OR MET REQ. CON. PRE

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>>> MALES <<<

ENGAGED IN ANY TREATMENT ACTIVITY

PROPORTION WEEKS WORKED

MODEL: MODEL01	SSE	129.414035	F RATIO	8.06
	DFE	783	PROB>F	0.0001
DEP VAR: C_2	MSE	0.165280	R-SQUARE	0.1707

9 WEEK SPAN: PROP. WEEKS EMPLOYED

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-0.066736	0.169868	-0.3929	0.6945	
FLORIDA	1	0.110630	0.063231	1.7496	0.0806	
FRESNO	1	-0.048039	0.055188	-0.8705	0.3843	
KENTUCKY	1	-0.031968	0.076860	-0.4159	0.6776	
MAINE	1	0.029716	0.063589	0.4673	0.6404	
NASSAU	1	0.166016	0.067808	2.4483	0.0146	
PORTSMTH	1	-0.044310	0.066733	-0.6640	0.5069	
R_WHITE	1	0.102909	0.037390	2.7523	0.0061	RESPONDENT IS WHITE
R_YRS_ED	1	0.005580588	0.005538178	1.0077	0.3139	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	0.006949677	0.009306981	0.7467	0.4555	# MEMBERS IN HOUSEHOLD
R_MARRD	1	0.093488	0.034693	2.6947	0.0072	RESPONDENT IS MARRIED
R_25_44	1	0.001348319	0.036928	0.0365	0.9709	RESPONDENT AGE 25 - 44
R_45	1	-0.142138	0.055933	-2.5412	0.0112	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.069030	0.060537	-1.1403	0.2545	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.230789	0.043256	5.3354	0.0001	E:14-26 / 13
I_8_EN	1	-0.073399	0.038559	-1.9035	0.0573	WEEKS 14-26: ANY WELFARE $
C_10_8_I	1	0.130057	0.036012	3.6115	0.0003	ANY WORK IN 1982 - MISSING SET TO 0
C_10_8_M	1	0.054179	0.066697	0.8123	0.4169	ANY WORK IN 1982 MISSING
ATTGMILL	1	0.138030	0.113261	1.2187	0.2233	6 MONTH SURVEY ATTRITION MILLS RATIO
I_4_EN	1	0.028542	0.033631	0.8576	0.3914	WEEKS 14-26: ANY FS $
P_13	1	0.024119	0.083724	0.2881	0.7734	P(A_13) - ANY TREATMENT ACTIVITY

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>>> MALES <<<
ENGAGED IN ANY TREATMENT ACTIVITY
PROPORTION WEEKS WORKED

MODEL: MODEL01	SSE	128.806182	F RATIO	8.06
	DFE	780	PROB>F	0.0001
DEP VAR: C_2	MSE	0.165136	R-SQUARE	0.1714

9 WEEK SPAN: PROP. WEEKS EMPLOYED

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	-0.064183	0.167992	-0.3821	0.7025	
FLORIDA	1	0.123464	0.062716	1.9686	0.0494	
FRESNO	1	-0.034125	0.054574	-0.6253	0.5320	
KENTUCKY	1	-0.020750	0.076118	-0.2726	0.7852	
MAINE	1	0.032086	0.062143	0.5163	0.6058	
NASSAU	1	0.168473	0.064538	2.6104	0.0092	
PORTSMTH	1	-0.060727	0.065332	-0.9295	0.3529	
R_WHITE	1	0.095252	0.037026	2.5726	0.0103	RESPONDENT IS WHITE
R_YRS_ED	1	0.005872595	0.005479221	1.0718	0.2841	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	0.00628756	0.008873735	0.7086	0.4788	# MEMBERS IN HOUSEHOLD
R_MARRD	1	0.089803	0.034542	2.5998	0.0095	RESPONDENT IS MARRIED
R_25_44	1	0.0006115037	0.036621	0.0167	0.9867	RESPONDENT AGE 25 - 44
R_45	1	-0.140129	0.054648	-2.5642	0.0105	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.076850	0.059277	-1.2965	0.1952	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.224018	0.041086	5.4524	0.0001	E:14-26 / 13
I_8_EN	1	-0.078276	0.038707	-2.0223	0.0435	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.138711	0.035798	3.8748	0.0001	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	0.085795	0.068295	1.2562	0.2094	ANY WORK IN 1982 MISSING
ATT6MILL	1	0.152587	0.112468	1.3567	0.1753	6 MONTH SURVEY ATTRITION MILLS RATIO
I_4_EN	1	0.035105	0.033104	1.0604	0.2893	WEEKS 14-26: ANY FS $
A_13	1	-0.033933	0.030721	-1.1046	0.2697	ANY POST TRMT. ACT. OR MET REQ. CON. PRE

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<26WEEK23>=====> STAGE 2 EQUATIONS <===== 21:43 TUESDAY, NOVEMBER 27, 1984 100

>>> FEMALES <<<

ENGAGED IN ANY TREATMENT ACTIVITY

PROPORTION WEEKS WORKED

MODEL:	MODEL01	SSE	123.901543	F RATIO	20.80
		DFE	887	PROB>F	0.0001
DEP VAR:	C_2	MSE	0.139686	R-SQUARE	0.3192

9 WEEK SPAN: PROP. WEEKS EMPLOYED

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	0.153046	0.144909	1.0562	0.2912	
FLORIDA	1	-0.059305	0.053798	-1.1024	0.2706	
FRESNO	1	-0.071917	0.046685	-1.5405	0.1238	
KENTUCKY	1	-0.158379	0.066950	-2.3656	0.0182	
MAINE	1	-0.141488	0.059451	-2.3799	0.0175	
NASSAU	1	0.052303	0.052846	0.9897	0.3226	
PORTSMTH	1	-0.128336	0.051005	-2.5161	0.0120	
R_WHITE	1	0.074581	0.032237	2.3135	0.0209	RESPONDENT IS WHITE
R_YRS_ED	1	0.010712	0.004649535	2.3039	0.0215	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.00737162	0.008128684	-0.9069	0.3647	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-0.017658	0.031579	-0.5592	0.5762	RESPONDENT IS MARRIED
R_25_44	1	-0.012905	0.039518	-0.3266	0.7441	RESPONDENT AGE 25 - 44
R_45	1	-0.027553	0.049507	-0.5566	0.5780	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.091281	0.057246	-1.5945	0.1112	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.434146	0.036737	11.8178	0.0001	E:14-26 / 13
I_8_BN	1	0.004473225	0.031789	0.1407	0.8881	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.133292	0.031710	4.2034	0.0001	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-0.043350	0.063406	-0.6837	0.4944	ANY WORK IN 1982 MISSING
ATTEMILL	1	-0.061287	0.118502	-0.5172	0.6052	6 MONTH SURVEY ATTRITION MILLS RATIO
I_4_BN	1	-0.025582	0.028000	-0.9136	0.3612	WEEKS 14-26: ANY FS $
P_13	1	0.128480	0.063744	2.0156	0.0441	P(A_13) - ANY TREATMENT ACTIVITY

<26WEEK24>=====> 1 STAGE TREATMENT ACTIVITY EQUATIONS <=====

>>> FEMALES <<<

19:01 WEDNESDAY, NOVEMBER 28, 1984

ENGAGED IN ANY TREATMENT ACTIVITY

PROPORTION WEEKS WORKED

MODEL:	MODEL01	SSE	122.803740	F RATIO 20.88
		DFE	879	PROB>F 0.0001
DEP VAR:	C_2	MSE	0.139708	R-SQUARE 0.3220

9 WEEK SPAN: PROP. WEEKS EMPLOYED

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	0.176430	0.145208	1.2150	0.2247	
FLORIDA	1	-0.063154	0.053803	-1.1738	0.2408	
FREEDO	1	-0.057358	0.046694	-1.2284	0.2196	
KENTUCKY	1	-0.156747	0.066992	-2.3398	0.0195	
MAINE	1	-0.161578	0.058168	-2.7778	0.0056	
NASSAU	1	0.069564	0.052268	1.3158	0.1886	
PITTSBTH	1	-0.130321	0.050673	-2.5718	0.0103	
R_WHITE	1	0.080497	0.032239	2.4969	0.0127	RESPONDENT IS WHITE
R_YRS_ED	1	0.010503	0.004681083	2.2438	0.0251	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	-0.00496552	0.007975278	-0.6226	0.5337	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-0.030767	0.030707	-1.0020	0.3166	RESPONDENT IS MARRIED
R_25_44	1	-0.0074437	0.039326	-0.1893	0.8499	RESPONDENT AGE 25 - 44
R_45	1	-0.025938	0.048622	-0.5237	0.6006	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-0.081333	0.057383	-1.4174	0.1567	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	0.434508	0.036948	11.7600	0.0001	E:14-26 / 13
I_3_EN	1	0.004738516	0.031969	0.1493	0.8809	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	0.149219	0.031160	4.7839	0.0001	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-0.047668	0.063467	-0.7511	0.4528	ANY WORK IN 1982 MISSING
ATTR MILL	1	-0.071438	0.118197	-0.6044	0.5457	6 MONTH SURVEY ATTRITION MILLS RATIO
I_4_EN	1	-0.022590	0.028238	-0.8000	0.4239	WEEKS 14-26: ANY FS $
A_13	1	0.046264	0.026483	1.7470	0.0810	ANY POST TPMT. ACT. OR MET REQ. CON. PRE

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>>> MALES <<<
ENGAGED IN ANY TREATMENT ACTIVITY
SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.1832851	.62014297	-1.9080843	
2	FLORIDA	.49042909	.21855450	2.2439570	
3	FRESNO	-.28925303	.19049716	-1.5184113	
4	KENTUCKY	.52356733	.27813038	1.8835317	
5	MAINE	.14393838	.22561468	.63798322	
6	MISSOURI	-.91797524D-01	.22518905	-.40764648	
7	PORTLAND	-1.0245251	.29866292	-3.4303726	
8	R_WHITE	-.23589256	.13274016	-1.7771001	RESPONDENT IS WHITE
9	R_YRS_ED	-.54910402D-01	.20549065D-01	-2.6695624	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.31588404D-01	.32203881D-01	-.98088811	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.19838739	.12600181	-1.5744805	RESPONDENT IS MARRIED
12	R_25_44	-.16928042	.12649128	-1.3361648	RESPONDENT AGE 25 - 44
13	R_45	-.10176361	.19724404	-.51592742	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.28945388D-01	.21639548	-.13376152	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	-.23003317	.15275006	-1.5059449	E:14-26 / 13
16	I_8_FN	.16771898	.13824261	1.2132213	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.79753579D-02	.12833314	.62145742D-01	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.22694169	.26103514	-.86939132	ANY WORK IN 1982 MISSING
19	ATTRMILL	1.3335020	.41657635	3.2010987	6 MONTH SURVEY ATTRITION MILLS RATIO
20	I_4_FN	-.86981085D-01	.11976621	-.72625733	WEEKS 14-26: ANY FS $
21	A_13	.22873627	.11045673	2.0708225	ANY POST TRMT. ACT. OR MET REQ. CON. PRE

OBSERVATIONS

D_4 = 0: 651
D_4 = 1: 164
TOTAL: 815

(-2.0) TIMES LOG LIKELIHOOD RATIO: 68.697313
DEGREES OF FREEDOM: 20

>>> MALES <<<

ENGAGED IN ANY TREATMENT ACTIVITY

SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.6681941	.64941044	-2.5687824	
2	FLORIDA	.63479940	.22916189	2.7700914	
3	FRESNO	-.44479224	.19497300	-2.2813017	
4	KENTUCKY	.47343044	.29247327	1.6187135	
5	MAINE	.58724310	.25015634	2.3475044	
6	NASSAU	-.52285441	.24209266	-2.1597285	
7	PORTSMTH	-.72995153	.31528489	-2.3152125	
8	R_WHITE	-.17010228	.13719863	-1.2398249	RESPONDENT IS WHITE
9	R_YRS_ED	-.79974626D-01	.21493746D-01	-3.7208324	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.95644391D-01	.36720863D-01	-2.6046335	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.22557880	.13082745	-1.7242467	RESPONDENT IS MARRIED
12	R_25_44	-.29542369	.13392363	-2.2059115	RESPONDENT AGE 25 - 44
13	R_45	-.49547953	.21240349	-2.3327279	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.12600348	.22878453	.55075174	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.22185138	.17350627	1.2786361	E:14-26 / 13
16	I_8_BN	.18178176	.14334055	1.2681810	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.10730863	.13321846	-.80550867	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.44052947	.26171931	-1.6832135	ANY WORK IN 1982 MISSING
19	ATT6MILL	1.0473080	.43027993	2.4340155	6 MONTH SURVEY ATTRITION MILLS RATIO
20	I_4_BN	.81542623D-01	.12572775	.64856504	WEEKS 14-26: ANY FS $
21	P_13	2.5449236	.42146239	6.0383173	P(A_13) - ANY TREATMENT ACTIVITY

OBSERVATIONS

D_4	= 0:	654
D_4	= 1:	163
TOTAL:		817

(-2.0) TIMES LOG LIKELIHOOD RATIO: 105.84626

DEGREES OF FREEDOM: 20

<26WEEK23>=====> STAGE 2 EQUATIONS <===== 21:43 TUESDAY, NOVEMBER 27, 1984 139

>>> FEMALES <<<

ENGAGED IN ANY TREATMENT ACTIVITY

SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.6684164	.58306911	-2.8614385	
2	FLORIDA	-.47098142D-01	.21361794	-.22047840	
3	FRESNO	-.36865140	.18157085	-2.0303446	
4	KENTUCKY	-.11541229	.27248193	-.42355944	
5	MAINE	-.11426018D-01	.24030096	-.47548782D-01	
6	NASSAU	.92592840D-02	.19300557	.47974181D-01	
7	FORTSMTH	-.83946212	.24537369	-3.4211578	
8	R_WHITE	-.74558248D-01	.12789319	-.58297276	RESPONDENT IS WHITE
9	R_YRS_ED	.13781764D-01	.19666515D-01	.69371828	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.60697452D-01	.36681320D-01	-1.6547238	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.22012498D-01	.13610092	.16173658	RESPONDENT IS MARRIED
12	R_25_44	-.22067950D-01	.15912716	-.13868123	RESPONDENT AGE 25 - 44
13	R_45	.88400656D-01	.20023327	.44148835	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.10129294	.23408189	.43272440	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.10639758	.14780827	.71983511	E:14-26 / 13
16	I_8_BN	.68947607D-01	.13892782	.49628365	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.10436008	.13098724	-.79671944	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.35292033	.23946637	1.4737783	ANY WORK IN 1982 MISSING
19	ATT6MILL	.87856342	.48127990	1.8254729	6 MONTH SURVEY ATTRITION MILLS RATIO
20	I_4_BN	-.20710464	.11348402	-1.8249674	WEEKS 14-26: ANY FS $
21	P_13	.93273592	.29267962	3.1868837	P(A_13) - ANY TREATMENT ACTIVITY

OBSERVATIONS

D_4	= 0:	790
D_4	= 1:	147
TOTAL:		937

(-2.0) TIMES LOG LIKELIHOOD RATIO: 74.080958

DEGREES OF FREEDOM: 20

ENGAGED IN ANY TREATMENT ACTIVITY
SANCTIONED OR APPLICATION DENIED (RAL)

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	-1.5359489	.57886113	-2.6533980	
2	FLORIDA	-.42640794D-01	.21344883	-.19977057	
3	FRESNO	-.36997781	.18112539	-2.0426612	
4	KENTUCKY	.54581438D-02	.26567643	.20544328D-01	
5	MAINE	-.24053790	.22688758	-1.0508997	
6	NASSAU	-.24458788D-01	.19434087	-.12585509	
7	PORTSMTH	-.86193690	.24185613	-3.5638415	
8	R_WHITE	-.46548499D-01	.12715396	-.36607983	RESPONDENT IS WHITE
9	R_YRS_ED	.16866837D-01	.19852558D-01	.84960520	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.42652076D-01	.36003394D-01	-1.1846682	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.11270927	.13050945	-.86361008	RESPONDENT IS MARRIED
12	R_25_44	.53275338D-01	.15624396	.34097534	RESPONDENT AGE 25 - 44
13	R_45	.10855332	.19889836	.54577280	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.12211625	.23217031	.52597704	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.39136909D-01	.14666038	.26685401	E:14-26 / 13
16	I_8_BN	.19431644D-01	.13889088	.13990582	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	.46247218D-01	.12603715	.36693323	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	.37915571	.23801565	1.5929865	ANY WORK IN 1982 MISSING
19	ATTRMILL	1.0847099	.47272804	2.2945750	6 MONTH SURVEY ATTRITION MILLS RATIO
20	I_4_BN	-.21084325	.11298638	-1.8660944	WEEKS 14-26: ANY FS $
21	A_13	-.47298642D-01	.10968015	-.43124157	ANY POST TRMT. ACT. OR MET REQ. CON. PRE

OBSERVATIONS

D_4 = 0: 785
D_4 = 1: 145
TOTAL: 930

(-2.0) TIMES LOG LIKELIHOOD RATIO: 61.749986
DEGREES OF FREEDOM: 20

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>>> MALES <<<
ENGAGED IN ANY TREATMENT ACTIVITY
ANY FS INCOME 6 MONTHS AFTER APPLICATION

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	2.0334260	.56419554	3.6041157	
2	FLORIDA	-.38709783	.20514549	-1.8869429	
3	FRESNO	.75648228	.17285362	4.2296167	
4	KENTUCKY	-.17384111	.25155956	-.69107321	
5	MAINE	-.27907679D-01	.20423751	-.13660982	
6	NASSAU	.23248195	.21901051	1.0615105	
7	PORTSMTH	.37465929	.21980356	1.7044800	
8	R_WHITE	-.20010904	.12126353	-1.6501997	RESPONDENT IS WHITE
9	R_YRS_ED	-.19907282D-01	.18575302D-01	-1.0717070	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.18015691D-01	.30389551D-01	-.59282519	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.15157925D-01	.11256413	.13466035	RESPONDENT IS MARRIED
12	R_25_44	.65557779D-01	.11919548	.55000224	RESPONDENT AGE 25 - 44
13	R_45	.14136390	.18473686	.76521763	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	.13001440D-03	.19180612	.67784281D-03	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.55262567D-01	.14037350	.39368234	E:14-26 / 13
16	I_8_EN	.33029131	.12925977	2.5552521	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.10847928	.11724123	-.92526565	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.20943308	.22063570	-.94922572	ANY WORK IN 1982 MISSING
19	ATTRMILL	-1.6208664	.37893199	-4.2774600	6 MONTH SURVEY ATTRITION MILLS RATIO
20	I_4_EN	.34675275	.10729006	3.2319186	WEEKS 14-26: ANY FS $
21	P_13	-.67590981	.27275441	-2.4780894	P(A_13) - ANY TREATMENT ACTIVITY

OBSERVATIONS

FS_6_EN = 0: 336
FS_6_EN = 1: 469
TOTAL: 805

(-2.0) TIMES LOG LIKELIHOOD RATIO: 126.54083
DEGREES OF FREEDOM: 20

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<26WEEK24>=====> 1 STAGE TREATMENT ACTIVITY EQUATIONS <=====

>>> MALES <<<

19:01 WEDNESDAY, NOVEMBER 28, 1984

ENGAGED IN ANY TREATMENT ACTIVITY

ANY FS INCOME 6 MONTHS AFTER APPLICATION

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	1.7706573	.55643655	3.1818510	
2	FLORIDA	-.36403516	.20295752	-1.7936520	
3	FRESNO	.64265094	.17626786	3.6458771	
4	KENTUCKY	-.15642930	.24846816	-.62957485	
5	MAINE	.95181214D-01	.19927615	.47763475	
6	NASSAU	.11274583	.20828213	.54131301	
7	PORTSMTH	.48515155	.21384677	2.2686878	
8	R_WHITE	-.14785624	.11972494	-1.2349661	RESPONDENT IS WHITE
9	R_YRS_ED	-.29079546D-01	.18280286D-01	-1.5907599	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.20198623D-01	.29152399D-01	-.69286315	# MEMBERS IN HOUSEHOLD
11	R_MARRD	.20919426D-01	.11129918	.18795669	RESPONDENT IS MARRIED
12	R_25_44	.47328903D-01	.11780086	.40177043	RESPONDENT AGE 25 - 44
13	R_45	.65848133D-01	.17919152	.36747349	RESPONDENT AGE 45 OR OVER
14	INSCHCOL	.20068799D-01	.18866924	.10637028	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	.17988077	.13313156	1.3511505	E:14-26 / 13
16	I_8_BN	.30114553	.12815660	2.3498247	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.16659334	.11623358	-1.4332634	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.35372774	.22299543	-1.5862556	ANY WORK IN 1982 MISSING
19	ATT6MILL	-1.6234190	.37484984	-4.3308515	6 MONTH SURVEY ATTRITION MILLS RATIO
20	I_4_BN	.40314942	.10548500	3.8218651	WEEKS 14-26: ANY FS $
21	A_13	.49779938D-01	.10024875	.49656416	ANY POST TRMT. ACT. OR MET REQ. CON. PRE

OBSERVATIONS

FS_6_BN = 0: 338
FS_6_BN = 1: 463
TOTAL: 801

(-2.0) TIMES LOG LIKELIHOOD RATIO: 117.05531
DEGREES OF FREEDOM: 20

<26WEEK23>=====> STAGE 2 EQUATIONS <===== 21:43 TUESDAY, NOVEMBER 27, 1984 112

>>> FEMALES <<<

ENGAGED IN ANY TREATMENT ACTIVITY

ANY FS INCOME 6 MONTHS AFTER APPLICATION

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	1.2022446	.53425889	2.2503034	
2	FLORIDA	.99550326D-01	.19342070	.51468289	
3	FRESNO	.69921647	.16803211	4.1612076	
4	KENTUCKY	.84516688D-01	.24544716	.34433761	
5	MAINE	-.11458884	.21166663	-.54136469	
6	NASSAU	.25166812	.18809391	1.3379918	
7	PORTSMTH	1.1124966	.22094794	5.0351072	
8	R_WHITE	-.18880839	.11800067	-1.6000620	RESPONDENT IS WHITE
9	R_YRS_ED	-.13426526D-01	.17541049D-01	-.76543460	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.12888669D-01	.31437618D-01	-.40997601	# MEMBERS IN HOUSEHOLD
11	R_MARRD	-.26540257	.11715552	-2.2653868	RESPONDENT IS MARRIED
12	R_25_44	.37908480	.14579758	2.6000761	RESPONDENT AGE 25 - 44
13	R_45	.19726952	.18146771	1.0870778	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.29058305D-02	.22897828	-.12690420D-01	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	-.28900934	.13478856	-2.1441681	E:14-26 / 13
16	I_8_BN	.17240598	.12682770	1.3593717	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.46113214D-01	.11582941	-.39811317	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.73085061D-01	.23735907	-.30790929	ANY WORK IN 1982 MISSING
19	ATT6MILL	-1.1378563	.44722977	-2.5442320	6 MONTH SURVEY ATTRITION MILLS RATIO
20	I_4_BN	.42742825	.10065648	4.2464058	WEEKS 14-26: ANY FS $
21	P_13	-.87971731	.23956142	-3.6721995	P(A_13) - ANY TREATMENT ACTIVITY

OBSERVATIONS

FS_6_BN = 0: 307
FS_6_BN = 1: 603
TOTAL: 910

(-2.0) TIMES LOG LIKELIHOOD RATIO: 190.21963
DEGREES OF FREEDOM: 20

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<26WEEK24>======> 1 STAGE TREATMENT ACTIVITY EQUATIONS <=====
>>> FEMALES <<<
ENGAGED IN ANY TREATMENT ACTIVITY
ANY FS INCOME 6 MONTHS AFTER APPLICATION

19:01 WEDNESDAY, NOVEMBER 28, 1984

COEFFICIENT		MAXIMUM LIKELIHOOD ESTIMATES	STANDARD ERROR	T STATISTIC	
1	INTERCEP	1.1226272	.53117730	2.1134699	
2	FLORIDA	.68217444D-01	.19253835	.35419446	
3	FRESNO	.63737091	.16653792	3.8271820	
4	KENTUCKY	-.23040029D-01	.24130300	-.98797070D-01	
5	MAINE	.56646714D-01	.20604173	.27492835	
6	NASSAU	.21621292	.18739806	1.1537567	
7	PORTLAND	1.1204274	.21892490	5.1178616	
8	R_WHITE	-.21133807	.11708952	-1.8049273	RESPONDENT IS WHITE
9	R_YRS_ED	-.15393075D-01	.17512675D-01	-.87896767	RESPONDENT'S YEARS OF EDUCATION
10	HH_SIZE	-.28164004D-01	.30826168D-01	-.91363948	# MEMBERS IN HOUSEHOLD
11	R_MARRIED	-.14829963	.11028389	-1.3137377	RESPONDENT IS MARRIED
12	R_25_44	.30927355	.14302577	2.1623624	RESPONDENT AGE 25 - 44
13	R_45	.18037792	.18021234	1.0009188	RESPONDENT AGE 45 OR OVER
14	INSCHOOL	-.16895613D-01	.22549939	-.74594521D-01	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
15	C_3	-.23294920	.13424632	-1.7352372	E:14-26 / 13
16	I_8_PN	.19401868	.12684660	1.5295537	WEEKS 14-26: ANY WELFARE $
17	C_10_B_I	-.15598628	.11279830	-1.3828718	ANY WORK IN 1982 - MISSING SET TO 0
18	C_10_B_M	-.89347975D-01	.23512034	-.38000956	ANY WORK IN 1982 MISSING
19	ATTRMILL	-1.3036037	.43938433	-2.9668870	6 MONTH SURVEY ATTRITION MILLS RATIO
20	I_4_PN	.39799968	.99976761D-01	3.9809120	WEEKS 14-26: ANY FS $
21	A_13	-.31197677D-01	.97863469D-01	-.31846235	ANY POST TRNT. ACT. OR MET REQ. CON. PRE

OBSERVATIONS

FS_6_PN = 0:	303
FS_6_PN = 1:	600
TOTAL:	903

(-2.0) TIMES LOG LIKELIHOOD RATIO: 169.62198
DEGREES OF FREEDOM: 20

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>>> MALES <<<

ENGAGED IN ANY TREATMENT ACTIVITY

VALUE FS TRANSFERS 6 MONTHS AFTER APPLICATION

USING CONTINUOUS PRE APPLICATION FS TRANSFERS

MODEL:	MODEL01	SSE	4622564	F RATIO 20.56
		DFE	778	PROB>F 0.0001
DEP VAR:	FS_6	MSE	5941.599	R-SQUARE 0.3458

VALUE OF FS TRANSFERS IN MONTH 6

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	124.295498	32.096517	3.8726	0.0001	
FLORIDA	1	-11.832149	11.866934	-0.9971	0.3190	
FRESNO	1	34.141251	10.414977	3.2781	0.0011	
KENTUCKY	1	5.923957	14.567335	0.4067	0.6844	
MAINE	1	-2.288235	12.036720	-0.1901	0.8493	
NASSAU	1	23.921525	12.923616	1.8510	0.0645	
PORTSMTH	1	19.493914	12.634655	1.5429	0.1233	
R_WHITE	1	-2.609515	7.108760	-0.3671	0.7137	RESPONDENT IS WHITE
R_YRS_ED	1	-2.687734	1.053355	-2.5516	0.0109	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	11.077520	1.808835	6.1241	0.0001	# MEMBERS IN HOUSEHOLD
R_MARRD	1	6.289018	6.674257	0.9423	0.3463	RESPONDENT IS MARRIED
R_25_44	1	-0.102043	7.079414	-0.0144	0.9885	RESPONDENT AGE 25 - 44
R_45	1	-8.968919	10.747229	-0.8345	0.4042	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	8.495796	11.369963	0.7472	0.4552	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	18.136181	8.061995	2.2496	0.0248	E:14-26 / 13
I_8_BN	1	9.734422	7.235090	1.3454	0.1789	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	6.474861	6.860525	0.9438	0.3456	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	-12.519906	12.477439	-1.0034	0.3160	ANY WORK IN 1982 MISSING
ATT6MILL	1	-99.429452	21.943211	-4.5312	0.0001	6 MONTH SURVEY ATTRITION MILLS RATIO
I_4	1	0.094229	0.012810	7.3561	0.0001	WEEKS 14-26: FOOD STAMP $
P_13	1	-9.566093	15.510852	-0.6167	0.5376	P(A_13) - ANY TREATMENT ACTIVITY

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>>> FEMALES <<<
ENGAGED IN ANY TREATMENT ACTIVITY
VALUE FS TRANSFERS TOTAL AFTER APPLICATION
USING CONTINUOUS PRE APPLICATION FS TRANSFERS

MODEL:	MODEL01	SSE	15280824	F RATIO 31.83
		DFE	883	PROB>F 0.0001
DEP VAR:	I_3	MSE	17305.58	R-SQUARE 0.4189
	MONTHS 5-6: FOOD STAMP $			

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	228.693336	49.987087	4.5750	0.0001	
FLORIDA	1	-10.807927	18.997933	-0.5689	0.5696	
FRESNO	1	52.065473	16.498373	3.1558	0.0017	
KENTUCKY	1	-22.202768	23.716305	-0.9362	0.3494	
MAINE	1	-29.286503	21.024191	-1.3930	0.1640	
NASSAU	1	9.572352	18.844682	0.5080	0.6116	
PORTSMTH	1	75.443455	18.135173	4.1601	0.0001	
R_WHITE	1	1.663884	11.361806	0.1464	0.8836	RESPONDENT IS WHITE
R_YRS_ED	1	0.215539	1.625048	0.1326	0.8945	RESPONDENT'S YEARS OF EDUCATION
HH_SIZE	1	18.378633	3.018790	6.0881	0.0001	# MEMBERS IN HOUSEHOLD
R_MARRD	1	-10.821102	11.078242	-0.9768	0.3289	RESPONDENT IS MARRIED
R_25_44	1	2.160237	14.009151	0.1542	0.8775	RESPONDENT AGE 25 - 44
R_45	1	-45.472014	17.473900	-2.6023	0.0094	RESPONDENT AGE 45 OR OVER
INSCHOOL	1	-28.346317	20.353338	-1.3927	0.1641	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	-22.721199	12.977462	-1.7508	0.0803	E:14-26 / 13
I_8_EN	1	3.074490	11.377801	0.2702	0.7871	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	-3.990883	11.104524	-0.3594	0.7194	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	16.724226	22.617537	0.7394	0.4598	ANY WORK IN 1982 MISSING
ATT6MILL	1	-214.472585	43.146773	-4.9708	0.0001	6 MONTH SURVEY ATTRITION MILLS RATIO
I_4	1	0.228894	0.021870	10.4663	0.0001	WEEKS 14-26: FOOD STAMP $
P_13	1	-39.563151	22.441534	-1.7629	0.0783	P(A_13) - ANY TREATMENT ACTIVITY

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<26WEEK24>=====> 1 STAGE TREATMENT ACTIVITY EQUATIONS <===== 161
>>> FEMALES <<< 19:01 WEDNESDAY, NOVEMBER 28, 1[illegible]
ENGAGED IN ANY TREATMENT ACTIVITY
VALUE FS TRANSFERS TOTAL AFTER APPLICATION
USING CONTINUOUS PRE APPLICATION FS TRANSFERS

MODEL:	MODEL01	SSE	14990036	F RATIO	31.82
		DFE	874	PROB>F	0.0001
DEP VAR:	I_3	MSE	17151.07	R-SQUARE	0.4213
	MONTHS 5-6: FOOD STAMP $				

VARIABLE	DF	PARAMETER ESTIMATE	STANDARD ERROR	T RATIO	PROB>|T|	VARIABLE LABEL
INTERCEPT	1	227.677069	49.877250	4.5647	0.0001	
FLORIDA	1	-11.239610	18.923987	-0.5939	0.5527	
[illegible]	1	46.010453	16.447339	2.7974	0.0053	
KENTUCKY	1	-27.134009	23.591240	-1.1502	0.2504	
[illegible]	1	-19.322604	20.515884	-0.9418	0.3465	
NASSAU	1	10.722827	18.819245	0.5693	0.5690	
PENNSYLVANIA	1	76.253740	17.938234	4.2509	0.0001	
P_WHITE	1	0.603720	11.318915	0.0533	0.9571	RESPONDENT IS WHITE
R_[illegible]_ED	1	0.476809	1.630316	0.2925	0.7700	RESPONDENT'S YEARS OF EDUCATION
[illegible]	1	15.967818	2.977926	5.3621	0.0001	# MEMBERS IN HOUSEHOLD
R_[illegible]	1	-3.009586	10.800309	-0.2786	0.7806	RESPONDENT IS MARRIED
P_25_44	1	-1.465399	13.903783	-0.1054	0.9161	RESPONDENT AGE 25 - 44
P_45	1	-46.343799	17.445291	-2.6565	0.0080	RESPONDENT AGE 45 OR OVER
IN_SCHOOL	1	-35.403489	20.446272	-1.7315	0.0837	RESPONDENT CURRENTLY ENROLLED IN SCHOOL
C_3	1	-18.179958	13.002059	-1.3982	0.1624	E:14-26 / 13
I_2_ON	1	1.122816	11.385976	0.0986	0.9215	WEEKS 14-26: ANY WELFARE $
C_10_B_I	1	-13.410095	10.852786	-1.2356	0.2169	ANY WORK IN 1982 - MISSING SET TO 0
C_10_B_M	1	13.640565	22.549160	0.6049	0.5454	ANY WORK IN 1982 MISSING
ATT_MILL	1	-227.123493	42.850418	-5.3004	0.0001	6 MONTH SURVEY ATTRITION MILLS RATIO
I_[illegible]	1	0.232307	0.021777	10.6676	0.0001	WEEKS 14-26: FOOD STAMP $
A_13	1	3.996024	9.339682	0.4279	0.6689	ANY POST TRMT. ACT. OR MET REQ. CON. PRE

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Appendix D

Sample Attrition and Correction Procedures

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Appendix D

Sample Attrition and Correction Procedures

Attrition is a potentially important problem that could cause bias in estimates of the treatment effects presented in Chapter 5. Random assignment took place at the time that households with nonexempt individuals applied for certification or recertification for food stamps. Next, the evaluation contractor randomly selected a subset of the entire pool of registrants for the 12 week interviews.

During the Initial Demonstration, difficulties in locating registrants or in securing their cooperation limited to 51 per cent the share of the sample that actually completed interviews. Attrition for similar reasons reduced the 6 month sample to about two-thirds of the 12 week sample. Attrition rates were lower in the Expanded Demonstration. About 65 percent of those initially assigned for interviews at random assignment completed the 12 week interview. Of these interviewed, 80 percent also completed the 6 month interview.

This Appendix describes the procedures aimed at assessing and minimizing their effect on estimates of demonstration impacts.

Attrition in the 12 Week Survey During the Initial Demonstration

Unfortunately, data were not generally available on the characteristics of those in the interview pool who did not complete interviews. The absence of such data meant that modern econometric approaches for avoiding attrition bias (described in section 5.3.2) could not be used effectively against attrition from the 12 week survey.

The direct approach of comparing characteristics of those who did and did not complete 12 week interviews was still possible through the use of a

matched data set based on the Employment Service Automated Reporting System (ESARS). Although these data were available only in Employment Service sites and only for a limited number of characteristics, they do permit comparisons between those in the analysis sample and those who attrited from the sample. Of 15,180 cases in the experiment in employment service sites, ESARS records were obtained for 78 per cent, or 11,822 cases. Since control group members did not have to register at the employment service, they were missing from the ESARS records more frequently (39 per cent missing) than were the treatment group registrants (12 per cent missing). This differential has little effect on the most important issue--namely,whether significant differences among treatment and control registrants in the characteristics of interviewed and non-interviewed groups.

In general, these kinds of differences did not emerge. Table D.1 presents the relevant data for Austin, the site with the highest attrition rate, and Tucson, the site with the lowest attrition rate. As expected, the sample missing ESARS records varied by experimental status and site. But the differences were not significant between those who were and were not interviewed. While younger and nonwhite registrants were more likely to complete interviews than older, white registrants, these patterns were similar for treatment and control group members.

A review of data from other sites also indicated 1) few differences in characteristics between the interviewed and non-interviewed groups, and 2) where differences did appear, similar patterns of differences between the treatment and control groups.

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Attrition in the Six Month Survey of the Initial Demonstration

In the case of attrition between surveys, it was possible to avert bias in estimates of program effects through the use of sample selection procedures. Comparing the registrants who did and did not complete 6 month surveys, one finds few significant differences in observed characteristics. Table D.2 shows earnings and employment was lower among nonrespondents than among respondents. Other differences appear in the sex, age, and race composition of respondents and nonrespondents. However, the pattern of differences was similar for both treatment and control groups.

To the extent that such measured characteristics as age, race, and sex were determinants of attrition, the use of standard multivariate techniques would be able to assure that attrition did not lead to biased estimates of demonstration treatments. In this case, the presence of attrition would cloud the interpretation of the independent variables. For example, one would have trouble distinguishing between the effect of race on employment and the effect of race on attrition.

Where attrition results from differences in unmeasured as well as measured characteristics, a bias in estimated treatment effects could arise even when using multivariate techniques. Such a bias would occur if the unmeasured factors affecting attrition also affected outcomes.

To deal with this possibility, one can adopt sample selection procedures originally developed by James Heckman. Under these procedures, the first task is to estimate a probit equation on the determinants of attrition. Then, in the equations on the determinants of employment or food stamp benefits, one adds an independent variable (called the inverse Mills ratio) that holds constant for differences in the probability that an

individual attrited from the sample. The estimates appearing in Chapters 5 and 7 of the impact of demonstration treatments on employment, earnings, food stamp benefits, food stamp terminations, and family income all are drawn from equations that control in this way for the fact that some registrants dropped out of the sample at higher rates than others.

Table D.3 displays the results of equations predicting attrition between the 12 week and 6 month surveys. The significance of several independent variables suggests the importance of controlling for attrition at least through multivariate techniques.

Attrition in the Expanded Demonstration

In the case of the Expanded Demonstration, it was possible to use Heckman procedures to control for attrition, both between application and the 12 week interview and between the 12 week and 6 month interviews. Upon the request of the evaluation contractor, local agencies provided data on selected characteristics of all applicants. (See Table 5.4 for tabulations on these data comparing those who did and did not complete 12 week interviews). The data permitted the evaluation contractor to estimate probit equations on the likelihood of completing the 12 week interview. The inverse Mills ratio drawn from these equations appeared in estimates of the impact of treatment on various outcomes at 12 weeks after application. Controlling for attrition between application and the 6 month interview involved estimating a separate probit equation predicting the likelihood of response. The results of this equation appears on page 9 of Appendix C. The inverse Mills ratio drawn from sample selection equation appeared as an independent variable in equations predicting six month outcomes.

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Table D.1

Selected Characteristics of Demonstration Participants Who Did and Did Not Complete Three-Month Interview, by Experimental Status and Site

Site Characteristic	Treatment Group: Completed Interview	Treatment Group: No Interview	Control Group: Completed Interview	Control Group: No Interview
Tucson				
Percent missing ESARS records	16.1	13.1	51.4	45.8
Percent male	63.7	67.6	67.7	71.8
Percent white	29.5	41.1	33.8	46.6
Percent veterans	15.0	14.5	19.1	19.7
Percent handicapped	4.0	3.1	0.0	2.2
Mean years of school completed	10.1	10.4	10.8	11.0
Mean age	34.5	32.5	34.7	32.2
Austin				
Percent missing ESARS records	6.2	5.1	40.6	37.8
Percent male	59.5	55.0	59.7	66.5
Percent white	37.2	49.3	36.8	43.3
Percent veterans	14.1	15.6	17.5	17.8
Percent handicapped	9.9	7.2	8.8	8.0
Mean years of school completed	10.5	10.9	10.8	10.9
Mean age	33.1	30.1	35.9	32.6

Source: Three-month interview and ESARS records available for all listed in Random Assignment Log.

Table D.2

Characteristics of Participants, by Experimental Status and by Attrition Status Between Three- and Six-Month Interviews

Characteristics of Participants	Treatment Group: Not In 6-Month Interview	Treatment Group: In 6-Month Interview	Control Group: Not In 6-Month Interview	Control Group: In 6-Month Interview
Number of participants	642	1517	403	937
Percent male	70.8	61.2	69.3	60.5
Percent by race:				
White	43.3	49.3	46.3	50.7
Black	34.0	29.3	30.7	29.2
Hispanic, other	22.6	21.4	22.9	20.1
Mean school years completed	11.1	11.2	11.0	11.0
Mean size of household	2.97	3.07	2.78	3.07
Mean age	32.2	33.6	32.5	35.1
Mean 1981 earnings	3805	4246	3520	3999
Mean food stamp income 13 weeks before application	162	167	146	175
Percent weeks employed of 13 weeks after food stamp application	.239	.252	.220	.252
Mean earnings 13 weeks after food stamp application	380	420	316	402
Percent reporting terminations by 13 weeks after food stamp application	15.5	14.3	7.4	6.0
Mean food stamp benefits in third month afater food stamp application	92	97	102	104

Source: Tabulations from three- and six-month interviews.

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Table D.3

Determinants of Attrition Between the Three-Month and Six-Month Interviews: Probit Equations by Sex

Selected Independent Variables	Males		Females	
	Derivative at Means	T Statistic	Derivative at Means	T Statistic
Schenectady	.120	2.43	.150	2.65
Toledo	-.080	-1.78	-.009	-0.15
Detroit	.004	0.07	-.029	-0.38
Albuquerque	.114	2.00	.083	1.25
Tucson	.042	0.73	.008	0.11
Washington	-.075	-1.20	.096	1.31
Sarasota	.063	1.02	.107	1.54
Colorado Springs	-.180	-2.85	-.012	-0.16
Cheyenne	.032	0.50	.142	1.96
Austin	.306	5.10	.278	4.10
White	-.025	-1.02	-.033	-1.10
Job Club, Job Contacts or Job Referral	.033	1.46	.027	0.96
FSA Treatment	-.014	-0.35	-.017	-0.35
IPR Treatment	.010	0.24	-.075	-1.68
JFC Treatment	-.017	-0.51	-.012	-0.30
Under Age 25	.061	1.39	.184	4.33
Age 25 to 50	.095	2.37	.152	3.84

Source: These results come from probit equations on the merged three- and six-month sample. Other variables appearing in the equations were current school status, marital status, educational level, household size, work experience prior to application, and job search and employment in the first quarter after application. None of these were statistically significant.