

## Appendix A. Survival Data Analysis

### INTRODUCTION

Using longitudinal data on individuals, we can estimate distributions of spell duration for individuals with different characteristics. We use a survival analysis technique to derive these distributions and the resulting estimates of median spell duration for persons observed entering a particular program during the 28 months of the panel.

We consider only individuals who were present in the survey at the end of 28 months. One alternative would have been to include all persons up until the time of attrition. It is, however, extremely difficult to come up with appropriate weights for such an analysis and it was therefore not attempted here. A program spell is defined as a period of participation which is preceded by one or more months of non-participation. The spell is observed either until it ends or until it is right-censored.<sup>1</sup>

The probability of leaving a given program in month  $t$ , given that the person was participating in the beginning of that month, is defined as

$$h(t) = \frac{\text{exits}(t)}{\text{prog}(t) - (\text{rcens}(t)/2)}$$

where  $\text{exits}(t)$  denotes the number of spell exits in month  $t$ ,  $\text{prog}(t)$  is the number of spells that were in progress in the beginning of month  $t$ , and  $\text{rcens}(t)$  is the number of spells which were right-censored in month  $t$ .<sup>2</sup>

The survival rate in month  $t$ , which is the probability that a spell lasts longer than  $t$  months, can then be written as

$$S(t) = \prod_{k=1}^t (1-h(k))$$

Since a spell must be preceded by a period of nonparticipation, the survival function evaluated at  $t$  gives the probability that an entrant into a program is still participating  $t$  time periods later. As a result, left-censored spells of participation are not included in our analysis.

<sup>1</sup>Since an individual must have completed interviews for all months of the panel in order to be included in the sample, right-censoring occurs only if an individual is still participating in the last month of the panel.

<sup>2</sup>We assume that a spell exit occurs in month  $t$  if we observe participation in month  $t$  and non-participation in month  $t+1$ . We further assume that a spell is exposed to the risk of exiting for an average of one-half of a month before right-censoring occurs.

The median survival time or spell duration  $M$  can be estimated by linear interpolation.<sup>3</sup> Let  $[t, t+1)$  be the interval such that  $S(t) \geq .5$  and  $S(t+1) < .5$ . Then

$$\hat{M} = t + \frac{S(t) - 1/2}{S(t) - S(t+1)}$$

Table A presents the results of the analysis, summarized below.

### MEDIAN SPELL DURATIONS

**Family Status.** Persons in families with a female householder, spouse absent, had longer median spell durations than persons in married-couple families for all programs with the possible exception of SSI and housing assistance.<sup>5</sup> These differences exist for major programs taken together or for AFDC and General Assistance, food stamps, or Medicaid separately. This reflects the relative inability of female householder families to exit poverty. An earlier report based on the 1987 SIPP panel, *Transitions in Income and Poverty Status: 1987-88*, Series P-70, No. 24, presented the proportion of persons who were able to exit poverty between 1987 and 1988. The exit rate of persons in married-couple families was 31 percent in 1988 as compared to 18.6 percent for persons in other family types.

**Race and Hispanic origin<sup>6</sup>.** Blacks and persons of Hispanic origin had significantly longer median spell durations than Whites for AFDC and General Assistance and for food stamps. While White entrants experienced a median spell duration of 6.4 months on AFDC or General Assistance, Blacks had a median duration of 9.1 months and persons of Hispanic origin of 11.5 months (The Hispanic/Black differences in the median

<sup>3</sup>Resulting median spell durations are shorter than those based on a sample of spells at a given point in time. Cross-sectional estimates of median spell durations can be upwardly biased since longer spells are more likely to be included in a sample at a point in time than shorter spells.

<sup>4</sup>LEE, E.T. (1980) *Statistical Methods for Survival Data Analysis*, Wadsworth, Inc., Belmont, California.

<sup>5</sup>The median spell durations for SSI exceeded 26 months for entrants in any type family. Therefore, the exact durations could not be observed.

Even though the median length of stay in public or subsidized housing exceeded 26 months and therefore that of married-couple families, significance could not be established.

<sup>6</sup>Persons of Hispanic origin may be of any race.

spell durations for AFDC or other cash assistance and for food stamps were not significantly different). The differences between Blacks and persons of Hispanic origin on one hand and Whites on the other reflects in part differences in the probabilities of exiting poverty, since program eligibility is related to poverty status. The 'exit rates' in 1987 were around 18 percent for Blacks and persons of Hispanic origin, as compared to 30 percent for Whites.

**Age and Education.** In comparison to other age groups, the elderly experienced the longest spells of participation in the Food Stamp Program. The median spell duration of elderly entrants was 2 years compared with durations of about 5 months for younger groups.

Median spell durations were generally not statistically different by education categories, only in the cases of public housing programs, where persons who had not completed high school had significantly longer stays than groups with more education.

**Employment and Disability Status.** Work disability of persons aged 15 to 69 increased the median spell duration consistently for participation in major programs taken together, and in the Food Stamp Program separately. For instance, a disabled entrant into the Food Stamp Program had a median spell duration of 10 months as compared to 4 months for a person without a disability.

Persons who were not in the labor force at the onset of a spell generally had longer spells than other groups in the labor force for several programs for which a median spell duration was observable.<sup>7</sup> The median spell length for food stamps was twice as long for persons not in the labor force than for persons employed full time, part time, or who were looking for work or on layoff.

**Income status.** The median spell durations of persons who were poor at the onset of a spell exceeded those of nonpoor persons for all programs except AFDC and with the possible exception of SSI.<sup>8</sup> Median food stamp and Medicaid durations were twice as long for the poor than for the nonpoor. For instance, the incidence of poverty increased the median stay in the Food Stamp Program from 3.6 months to 7.9 months.

---

<sup>7</sup>Spell durations in major programs combined, in AFDC and General Assistance, and in Medicaid were not always significantly different between those in the labor force and those out of the labor force. Specifically, for recipients of major assistance, significance could not be established between the median durations of those who worked part-time and those out of the labor force, and between the unemployed and those not in the labor force. The spells of full time employed AFDC and General Assistance recipients were not significantly different from those not in the labor force. Among persons covered by Medicaid, the unemployed had similar spell lengths than those not in the labor force.

<sup>8</sup>Both poor and non-poor persons had median SSI spell lengths exceeding 26 months.

**Table A. Spells of Monthly Program Participation for Persons Entering Programs During the 28 Month Period of the 1987 SIPP Panel, By Selected Characteristics**

[Numbers in thousands. For meaning of symbols, see text]

Characteristics	Total spells	Percentage of spells right-censored	Survival rates for programs spells after-						Median Spell Duration	
			1 month	4 months	8 months	12 months	16 months	20 months		24 months
<b>ONE OR MORE MAJOR ASSISTANCE PROGRAMS<sup>1</sup></b>										
All spells .....	22 243	38.6	.9052	.5474	.3755	.2955	.2684	.2545	.2486	5.3
<b>Race and Hispanic origin</b>										
White .....	15 971	38.3	.9014	.5365	.3677	.2893	.2601	.2423	.2423	5.1
Black .....	5 223	43.0	.9140	.8083	.4227	.3211	.3103	.3032	.3032	6.6
Hispanic origin <sup>2</sup> .....	3 452	43.0	.8902	.5895	.3492	.3047	.2870	.2870	.2870	6.8
<b>Age</b>										
Under 18 years .....	8 889	36.0	.8925	.5091	.3381	.2687	.2506	.2428	.2428	4.2
18 to 64 .....	12 123	37.9	.9084	.5547	.3685	.2745	.2433	.2238	.2121	5.6
65 years and over .....	1 231	64.3	.9682	.7510	.6882	.6455	.5893	.5743	.5743	(X)
<b>Sex</b>										
Male .....	10 169	37.9	.9119	.5454	.3508	.2564	.2315	.2286	.2201	5.3
Female .....	12 074	39.2	.8996	.5488	.3947	.3255	.2967	.2753	.2702	5.3
<b>Educational Attainment (persons 18 years and over)</b>										
Less than 4 years of high school .....	5 370	47.7	.9104	.6525	.4953	.4138	.3731	.3583	.3583	7.9
High school graduate but no college .....	5 394	34.4	.9059	.5179	.3444	.2400	.2148	.1875	.1693	4.9
1 or more years of college .....	2 590	37.5	.9368	.5236	.3118	.2467	.2058	.2058	(B)	5.1
<b>Disability Status (persons 15 to 69 years)</b>										
With a work disability .....	3 168	48.1	.9198	.6746	.5086	.4189	.3700	.3388	.3388	8.3
With no work disability .....	10 683	35.6	.9032	.5095	.3408	.2482	.2175	.2057	.1934	4.3
<b>Residence</b>										
Metropolitan .....	14 417	37.6	.9063	.5434	.3645	.2936	.2649	.2519	.2422	5.2
Central city .....	7 631	41.2	.8912	.5427	.3846	.3313	.3041	.2862	.2682	6.1
Non-central city .....	6 786	33.7	.9233	.5445	.3440	.2552	.2237	.2165	.1947	4.9
Nonmetropolitan .....	7 826	40.5	.9032	.5564	.3970	.2995	.2755	.2595	.2595	5.5
<b>Family status</b>										
In families .....	19 691	37.4	.8991	.5310	.3605	.2767	.2528	.2464	.2398	4.7
In families with related children under 18 years .....	16 934	36.5	.8951	.5232	.3412	.2567	.2388	.2310	.2310	4.5
In married-couple families .....	13 305	35.3	.8930	.5129	.3440	.2507	.2245	.2154	.2065	4.3
In married-couple families with related children under 18 years .....	11 323	34.7	.8878	.5045	.3213	.2221	.2062	.1942	.1942	4.1
In families with a female householder, no spouse present .....	5 543	43.9	.9064	.5745	.3984	.3409	.3319	.3319	.3319	6.2
In families with a female householder, no spouse present, with related children under 18 years .....	4 966	42.7	.9029	.5672	.3853	.3369	.3271	.3271	.3271	5.9
Unrelated individuals .....	2 552	48.2	.9527	.6752	.4912	.4357	.3848	.3128	.3128	7.9
In non-family households .....	2 311	48.8	.9556	.6659	.4948	.4486	.4036	.3186	.3186	8.0
<b>Employment and labor force status (persons 18 years and over)</b>										
Employed full-time .....	4 046	35.5	.9050	.4900	.3052	.2222	.1876	.1677	.1677	4.0
Employed part-time .....	1 983	39.3	.9186	.5675	.3830	.3169	.2950	.2714	.2407	5.7
Unemployed .....	1 847	30.0	.9088	.5514	.3036	.1851	.1155	.1155	.1155	4.7
Not in the labor force .....	5 479	47.8	.9208	.6426	.5022	.4190	.3854	.3626	.3536	8.1
<b>Family income-to-poverty ratio<sup>3</sup></b>										
Under 1.00 .....	10 963	44.5	.9067	.6354	.4522	.3549	.3316	.3144	.3029	7.3
Under .50 .....	4 834	42.8	.8893	.6083	.4505	.3693	.3390	.3258	.3013	6.1
.50 to .74 .....	3 595	43.8	.9147	.6622	.4184	.2993	.2869	.2799	.2799	7.3
.75 to .99 .....	2 534	48.8	.9287	.6579	.5072	.4063	.3814	.3431	.3431	8.3
1.00 and over .....	11 280	32.9	.9038	.4658	.3034	.2395	.2088	.1965	.1965	3.9
1.00 to 1.24 .....	2 920	37.6	.8626	.4987	.3278	.2908	.2396	.2280	.2280	4.0
1.25 to 1.49 .....	1 560	22.6	.7985	.4310	.1759	.1514	.1514	.1514	.1514	3.6
1.50 to 1.99 .....	2 136	36.1	.8905	.4992	.3465	.2871	.2414	.1899	.1899	4.0
2.00 to 2.99 .....	2 423	31.8	.9371	.4333	.3029	.2109	.2109	.2109	.2109	3.8
3.00 and over .....	2 242	32.0	.9426	.4537	.3300	.2260	.1769	.1769	.1769	3.9
<b>Family premeans-tested cash income-to-poverty ratio<sup>4</sup></b>										
Under 1.00 .....	11 517	44.4	.9045	.6293	.4476	.3539	.3319	.3158	.3054	7.2
Under .50 .....	5 551	43.5	.9005	.6381	.4537	.3743	.3375	.3221	.3028	7.3
.50 to .74 .....	3 478	44.1	.9003	.6404	.4194	.3038	.2921	.2921	.2921	7.1
.75 to .99 .....	2 488	48.9	.9183	.5948	.4758	.3778	.3375	.3375	.3375	7.4
1.00 and over .....	10 726	32.5	.9059	.4831	.3004	.2341	.1987	.1870	.1870	3.9
1.00 to 1.24 .....	2 795	36.4	.8732	.5001	.3175	.2789	.2217	.2123	.2123	4.0
1.25 to 1.49 .....	1 448	22.2	.7885	.4348	.1557	.1393	.1393	.1227	.1227	3.6
1.50 to 1.99 .....	2 015	35.1	.8710	.4901	.3499	.2718	.2184	.1720	.1720	4.0
2.00 to 2.99 .....	2 265	32.7	.9402	.4275	.3093	.2223	.2223	.2223	.2223	3.8
3.00 and over .....	2 213	31.6	.9418	.4520	.3266	.2225	.1697	.1697	.1697	3.9

See footnotes at end of table.

**Table A. Spells of Monthly Program Participation for Persons Entering Programs During the 28 Month Period of the 1987 SIPP Panel, By Selected Characteristics—Con.**

[Numbers in thousands. For meaning of symbols, see text]

Characteristics	Total spells	Percentage of spells right-censored	Survival rates for programs spells after-							Median Spell Duration
			1 month	4 months	8 months	12 months	16 months	20 months	24 months	
<b>ONE OR MORE MAJOR ASSISTANCE PROGRAMS<sup>1</sup>—Con.</b>										
<b>Family pre-transfer income-to-poverty ratio<sup>5</sup></b>										
Under 1.00 .....	13 429	42.1	.9007	.6068	.4232	.3390	.3127	.2973	.2887	6.8
Under .50 .....	8 733	43.7	.9059	.6280	.4377	.3717	.3362	.3234	.3103	7.1
.50 to .74 .....	2 593	32.2	.8832	.5450	.3285	.1767	.1623	.1623	.1623	5.2
.75 to .99 .....	2 103	46.0	.9006	.5926	.4827	.4025	.4025	.3613	.3613	7.6
1.00 and over .....	8 814	33.3	.9121	.4589	.3032	.2271	.1959	.1840	.1840	3.9
1.00 to 1.24 .....	2 324	41.1	.9001	.5347	.3359	.2271	.2621	.2621	.2621	4.4
1.25 to 1.49 .....	972	18.3	.7586	.3266	.1428	.0438	.0438	.0187	.0187	(B)
1.50 to 1.99 .....	1 544	37.8	.8674	.5188	.3863	.3207	.2447	.1917	.1917	4.5
2.00 to 2.99 .....	1 966	30.6	.9350	.4048	.2658	.1987	.1718	.1718	.1718	3.8
3.00 and over .....	1 987	30.7	.9352	.4542	.3183	.2017	.1752	.1752	.1752	3.9
<b>AFDC OR OTHER CASH ASSISTANCE PROGRAMS</b>										
All spells .....	8 588	40.5	.8642	.5800	.4369	.3421	.2999	.2781	.2525	7.0 <sup>f</sup>
<b>Race and Hispanic origin</b>										
White .....	5 435	39.7	.8674	.5820	.4017	.3089	.2971	.2914	.2543	6.4
Black .....	2 820	42.0	.8536	.5880	.5059	.4043	.3056	.2514	.2514	9.1
Hispanic origin <sup>2</sup> .....	1 487	52.5	.9075	.6703	.5320	.4664	.4491	.4491	.4491	11.5
<b>Age</b>										
Under 18 years .....	4 245	42.1	.8637	.5828	.4542	.3813	.3281	.3074	.2811	7.2
18 to 64 .....	4 194	38.9	.8687	.5830	.4201	.2981	.2657	.2408	.2257	6.8
65 years and over .....	148	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Sex</b>										
Male .....	3 622	37.0	.9036	.5573	.4074	.3049	.2350	.2015	.1878	6.2
Female .....	4 966	43.0	.8353	.5953	.4576	.3685	.3467	.3334	.2993	7.3
<b>Educational Attainment (persons 18 years and over)</b>										
Less than 4 years of high school .....	1 852	42.9	.8676	.6176	.4757	.3617	.3358	.3015	.3015	7.7
High school graduate but no college .....	1 952	35.9	.8419	.5187	.3556	.2658	.2203	.2028	.1585	4.4
1 or more years of college .....	538	38.2	.8357	.6498	.4513	.2161	.2161	.2161	.2161	7.3
<b>Disability Status (persons 15 to 69 years)</b>										
With a work disability .....	1 238	49.4	.9217	.7384	.5693	.4207	.3802	.3591	.3591	10.1
With no work disability .....	3 720	36.3	.8421	.5206	.3788	.2706	.2412	.2116	.1889	4.6
<b>Residence</b>										
Metropolitan .....	5 672	46.5	.8766	.6295	.4985	.4003	.3889	.3552	.3187	8.0
Central city .....	3 476	49.7	.8666	.6325	.5229	.4462	.4410	.4017	.3360	10.4
Non-central city .....	2 195	41.5	.8924	.6251	.4593	.3224	.3018	.2745	.2625	7.2
Nonmetropolitan .....	2 916	28.7	.8399	.4791	.3146	.2284	.1394	.1394	.1394	3.9
<b>Family status</b>										
In families .....	8 184	40.3	.8623	.5815	.4312	.3397	.2953	.2724	.2519	6.9
In families with related children under 18 years .....	7 559	40.5	.8638	.5875	.4299	.3436	.2977	.2779	.2556	7.0
In married-couple families .....	3 568	35.9	.8363	.5473	.3689	.2384	.2325	.2325	.2325	4.9
In married-couple families with related children under 18 years .....	3 216	35.8	.8392	.5503	.3626	.2307	.2307	.2307	.2307	4.9
In families with a female householder, no spouse present .....	4 328	46.2	.8745	.6108	.5083	.4465	.3722	.3345	.3036	9.3
In families with a female householder, no spouse present, with related children under 18 years .....	4 083	46.7	.8744	.6164	.5080	.4555	.3770	.3457	.3138	9.3
Unrelated individuals .....	404	45.1	.9032	.5493	.5493	.3883	.3883	.3883	.1993	9.3
In non-family households .....	363	47.8	.9163	.5914	.5914	.4181	.4181	.4181	.2146	10.4
<b>Employment and labor force status (persons 18 years and over)</b>										
Employed full-time .....	709	33.1	.8312	.5001	.2881	.1839	.1839	.1839	.1839	4.0
Employed part-time .....	611	30.0	.7555	.3592	.2647	.2235	.2235	.2235	.2235	3.5
Unemployed .....	819	31.9	.9406	.6369	.4435	.2079	.1240	.1240	.1240	6.2
Not in the labor force .....	2 203	45.9	.8777	.6412	.4889	.3975	.3673	.3198	.2646	7.9
<b>Family income-to-poverty ratio<sup>3</sup></b>										
Under 1.00 .....	5 956	42.9	.8759	.6166	.4787	.3704	.3165	.3067	.2815	7.7
Under .50 .....	3 155	41.1	.9219	.6085	.4583	.3755	.2770	.2770	.2082	7.3
.50 to .74 .....	1 814	47.1	.8457	.6072	.5380	.3675	.3790	.3546	.3546	10.0
.75 to .99 .....	967	40.7	.7850	.6577	.4469	.3267	.3051	.3051	.3051	7.8
1.00 and over .....	2 632	35.1	.8377	.5005	.3459	.2829	.2732	.2135	.1793	4.0
1.00 to 1.24 .....	755	38.4	.7822	.4854	.3384	.3384	.2918	.1867	.1867	3.9
1.25 to 1.49 .....	414	34.3	.8235	.6038	.3246	.3246	.3246	.3246	(B)	6.1
1.50 to 1.99 .....	443	40.1	.7008	.5237	.3912	.2821	.2821	.2821	.2821	4.4
2.00 to 2.99 .....	656	28.9	.9891	.5251	.3540	.1827	.1827	.1284	.1284	5.3
3.00 and over .....	364	34.4	.9405	.3425	.3425	.3425	.3425	.1110	(B)	3.7

See footnotes at end of table.

Table A. Spells of Monthly Program Participation for Persons Entering Programs During the 28 Month Period of the 1987 SIPP Panel, By Selected Characteristics—Con.

[Numbers in thousands. For meaning of symbols, see text]

Characteristics	Total spells	Percentage of spells right-censored	Survival rates for programs spells after-							Median Spell Duration
			1 month	4 months	8 months	12 months	16 months	20 months	24 months	
<b>AFDC OR OTHER CASH ASSISTANCE PROGRAMS—Con.</b>										
<b>Family premeans-tested cash income-to-poverty ratio<sup>4</sup></b>										
Under 1.00 .....	6 814	42.7	.8637	.6086	.4698	.3687	.3157	.3020	.2724	7.5
Under .50 .....	5 391	46.2	.8893	.6267	.4849	.4070	.3413	.3290	.2975	7.9
.50 to .74 .....	865	27.6	.7509	.5438	.3970	.2112	.2112	.2112	.1861	5.1
.75 to .99 .....	558	32.7	.7919	.5402	.3720	.3205	.2669	.1222	.1222	4.6
1.00 and over .....	1 773	31.9	.8658	.4760	.3178	.2455	.2455	.1901	.1901	3.9
1.00 to 1.24 .....	489	22.1	.7035	.4379	.2141	.1860	.1860	.1860	.1860	3.0
1.25 to 1.49 .....	152	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.50 to 1.99 .....	278	40.2	.9008	.6256	.4643	.3719	.3719	(B)	(B)	6.8
2.00 to 2.99 .....	502	36.0	.9772	.5353	.3933	.2039	.2039	.2039	.2039	5.3
3.00 and over .....	353	35.4	.9386	.3541	.3541	.3541	.3541	.1147	(B)	3.7
<b>Family pre-transfer income-to-poverty ratio<sup>5</sup></b>										
Under 1.00 .....	7 049	41.8	.8586	.5960	.4569	.3591	.3079	.2946	.2658	7.3
Under .50 .....	5 939	44.7	.8894	.6276	.4868	.3916	.3309	.3152	.2806	7.8
.50 to .74 .....	669	19.6	.6276	.3835	.2941	.1572	.1572	.1572	.1572	3.4
.75 to .99 .....	441	36.0	.7963	.5141	.3416	.3416	(B)	(B)	(B)	4.2
1.00 and over .....	1 539	34.4	.8894	.5114	.3520	.2693	.2693	.2051	.2051	4.8
1.00 to 1.24 .....	361	27.2	.7444	.5288	.3017	.2630	.2630	.2245	.2245	7.1
1.25 to 1.49 .....	150	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.50 to 1.99 .....	236	44.4	.8829	.7603	.4864	.2893	.2893	.2893	(B)	7.8
2.00 to 2.99 .....	472	40.0	.9758	.4826	.3595	.2469	.2469	.2469	.2469	4.0
3.00 and over .....	320	28.9	.9324	.3222	.3222	.3222	.3222	.1044	(B)	3.7
<b>SUPPLEMENTAL SECURITY INCOME</b>										
All spells .....	1 394	70.1	.9570	.8125	.7409	.7302	.6801	.5944	.5944	(X)
<b>Race and Hispanic origin</b>										
White .....	895	62.9	.9335	.7635	.6861	.6694	.5951	.5181	.5181	(X)
Black .....	338	80.7	1.0000	.8859	.7895	.7895	.7895	.7105	.7105	(X)
Hispanic origin <sup>2</sup> .....	184	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Age</b>										
15 to 17 years .....	26	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
18 to 64 .....	920	65.6	.9349	.7734	.6624	.6456	.6120	.5614	.5614	(X)
65 years and over .....	448	81.6	1.0000	.9263	.9263	.9263	.8435	.6953	.6953	(X)
<b>Sex</b>										
Male .....	485	62.3	.9142	.7956	.7012	.7012	.5971	.4955	.4955	19.0
Female .....	909	74.3	.9801	.8212	.7645	.7470	.7260	.6502	.6502	(X)
<b>Educational Attainment (persons 18 years and over)</b>										
Less than 4 years of high school .....	782	79.2	1.0000	.8961	.8527	.8344	.7859	.6905	.6905	(X)
High school graduate but no college .....	408	65.1	.8728	.7580	.6618	.6618	.6618	.5466	.5466	(X)
1 or more years of college .....	178	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Disability Status (persons 15 to 69 years)</b>										
With a work disability .....	795	68.0	.9383	.8230	.7232	.7030	.6624	.5273	.5273	(X)
With no work disability .....	378	64.6	.9712	.7218	.6498	.6498	.5344	.5344	.5344	(X)
<b>Residence</b>										
Metropolitan .....	974	72.0	.9655	.8113	.7472	.7472	.6669	.6097	.6097	(X)
Central city .....	547	84.0	.9386	.8828	.8192	.8192	.8192	.8192	.8192	(X)
Non-central city .....	427	56.8	1.0000	.7218	.6564	.6564	.5015	.3949	.3949	16.0
Nonmetropolitan .....	420	65.8	.9374	.8154	.7242	.6914	.6914	.5644	.5644	(X)
<b>Family status</b>										
In families .....	1 006	68.0	.9405	.7889	.7437	.7304	.6884	.5826	.5826	(X)
In families with related children under 18 years .....	577	68.5	.9713	.8092	.7491	.7491	.6863	.5877	.5877	(X)
In married-couple families .....	630	66.2	.9056	.7812	.7490	.7269	.6237	.5524	.5524	(X)
In married-couple families with related children under 18 years .....	354	71.9	.9539	.8152	.7882	.7882	.6824	.6346	.6346	(X)
In families with a female householder, no spouse present .....	277	67.6	1.0000	.7681	.6701	.6701	.6701	.5987	.5987	(X)
In families with a female householder, no spouse present, with related children under 18 years .....	190	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Unrelated individuals .....	388	75.7	1.0000	.8746	.7147	.7147	.7147	.6322	.6322	(X)
In non-family households .....	360	73.8	1.0000	.8639	.7010	.7010	.7010	.6201	.6201	(X)
<b>Employment and labor force status (persons 18 years and over)</b>										
Employed full-time .....	87	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Employed part-time .....	110	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Unemployed .....	10	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Not in the labor force .....	1 160	78.2	.9678	.8735	.7979	.7845	.7223	.6632	.6632	(X)

See footnotes at end of table.

**Table A. Spells of Monthly Program Participation for Persons Entering Programs During the 28 Month Period of the 1987 SIPP Panel, By Selected Characteristics—Con.**

[Numbers in thousands. For meaning of symbols, see text]

Characteristics	Total spells	Percentage of spells right-censored	Survival rates for programs spells after-						Median Spell Duration	
			1 month	4 months	8 months	12 months	16 months	20 months		24 months
<b>SUPPLEMENTAL SECURITY INCOME—Con.</b>										
<b>Family income-to-poverty ratio<sup>3</sup></b>										
Under 1.00	539	75.1	1.0000	.8733	.8010	.8010	.7440	.6105	.6105	(X)
Under .50	124	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
.50 to .74	152	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
.75 to .99	263	82.0	1.0000	.9060	.8273	.8273	.8273	.7519	.7519	(X)
1.00 and over	854	66.9	.9300	.7764	.7054	.6886	.6422	.5847	.5847	(X)
1.00 to 1.24	261	91.3	.9672	.9104	.9104	.9104	.9104	.9104	.9104	(X)
1.25 to 1.49	120	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.50 to 1.99	64	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2.00 to 2.99	204	64.0	.8600	.7705	.6788	.6258	.6258	.6258	.6258	(X)
3.00 and over	205	36.4	.8903	.5308	.3949	.3949	.1435	.1435	.1435	7.2
<b>Family premeans-tested cash income-to-poverty ratio<sup>4</sup></b>										
Under 1.00	820	81.7	.9896	.8950	.8480	.8480	.8097	.7151	.7151	(X)
Under .50	558	82.6	1.0000	.9115	.8462	.8462	.7873	.7368	.7368	(X)
.50 to .74	137	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
.75 to .99	125	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.00 and over	573	53.5	.9108	.7031	.6053	.5823	.5148	.4422	.4422	16.5
1.00 to 1.24	107	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.25 to 1.49	46	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.50 to 1.99	57	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2.00 to 2.99	170	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
3.00 and over	183	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Family pre-transfer income-to-poverty ratio<sup>5</sup></b>										
Under 1.00	955	78.5	.9806	.8755	.8218	.8218	.7896	.6766	.6766	(X)
Under .50	826	80.9	.9775	.8757	.8292	.8292	.7894	.7207	.7207	(X)
.50 to .74	94	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
.75 to .99	34	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.00 and over	439	51.9	.9061	.6835	.5826	.5516	.4625	.4250	.4250	14.6
1.00 to 1.24	21	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.25 to 1.49	33	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.50 to 1.99	47	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2.00 to 2.99	164	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
3.00 and over	173	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>FOOD STAMPS</b>										
All spells	18 934	41.4	.8783	.5759	.4374	.3407	.3104	.3036	.2832	5.8
<b>Race and Hispanic origin</b>										
White	11 968	36.8	.8488	.5197	.3848	.2752	.2507	.2430	.2230	4.4
Black	6 240	52.4	.8282	.7060	.5563	.4823	.4370	.4316	.4114	10.9
Hispanic origin <sup>2</sup>	2 789	46.9	.8689	.5844	.4240	.3840	.3840	.3840	.3840	7.1
<b>Age</b>										
Under 18 years	8 570	42.9	.8750	.5876	.4587	.3704	.3425	.3349	.3199	6.3
18 to 64	9 716	36.8	.8757	.5513	.4005	.2928	.2634	.2563	.2371	4.9
65 years and over	649	60.5	.9596	.7747	.6746	.6122	.5397	.5397	.4690	23.6
<b>Sex</b>										
Male	8 283	40.0	.8884	.5794	.4220	.3077	.2719	.2639	.2427	6.2
Female	10 652	42.4	.8704	.5730	.4482	.3646	.3389	.3330	.3134	5.4
<b>Educational Attainment (persons 18 years and over)</b>										
Less than 4 years of high school	4 699	46.9	.9091	.6766	.5031	.4013	.3639	.3584	.3371	8.2
High school graduate but no college	4 280	35.5	.8579	.4737	.3401	.2456	.2239	.2144	.1798	3.8
1 or more years of college	1 385	31.7	.8556	.4665	.3667	.2162	.1702	.1702	.1702	3.8
<b>Disability Status (persons 15 to 69 years)</b>										
With a work disability	2 546	50.1	.9446	.6939	.5586	.4419	.3865	.3865	.3865	9.7
With no work disability	8 670	36.7	.8546	.5239	.3763	.2711	.2425	.2317	.2101	4.4
<b>Residence</b>										
Metropolitan	11 154	39.5	.8721	.5557	.4185	.3346	.3117	.3086	.2727	5.0
Central city	6 837	43.2	.8534	.5662	.4585	.4022	.3705	.3657	.3220	6.3
Non-central city	4 317	33.8	.8021	.5383	.3563	.2213	.2156	.2156	.1925	4.5
Nonmetropolitan	7 780	44.0	.8871	.6075	.4670	.3501	.3086	.2956	.2956	7.2
<b>Family status</b>										
In families	17 909	40.9	.8744	.5668	.4291	.3361	.3074	.3002	.2832	5.4
In families with related children under 18 years	16 251	41.1	.8711	.5701	.4314	.3342	.3112	.3055	.2938	5.3
In married-couple families	10 353	35.3	.8572	.5039	.3534	.2456	.2221	.2221	.2221	4.1
In married-couple families with related children under 18 years	9 263	35.7	.8541	.5078	.3543	.2330	.2229	.2229	.2229	4.1
In families with a female householder, no spouse present	7 014	50.6	.8946	.6808	.5428	.4748	.4390	.4226	.3814	10.5
In families with a female householder, no spouse present, with related children under 18 years	6 499	50.4	.8891	.6587	.5406	.4771	.4396	.4274	.4012	10.5
Unrelated individuals	1 025	49.1	.8452	.7340	.5807	.4188	.3614	.3614	.2887	10.1
In non-family households	960	49.2	.8427	.7483	.5921	.4270	.3684	.3684	.2943	10.2

See footnotes at end of table.

**Table A. Spells of Monthly Program Participation for Persons Entering Programs During the 28 Month Period of the 1987 SIPP Panel, By Selected Characteristics—Con.**

[Numbers in thousands. For meaning of symbols, see text]

Characteristics	Total spells	Percentage of spells right-censored	Survival rates for programs spells after-							Median Spell Duration
			1 month	4 months	8 months	12 months	16 months	20 months	24 months	
<b>FOOD STAMPS—Con.</b>										
<b>Employment and labor force status (persons 18 years and over)</b>										
Employed full-time.....	2 524	34.8	.8255	.4485	.3101	.2305	.2050	.2050	.2050	3.7
Employed part-time.....	1 315	34.2	.8887	.4957	.3801	.2506	.1991	.1991	.1991	4.0
Unemployed.....	1 935	28.7	.8902	.5071	.3091	.1889	.1542	.1386	.0801	4.1
Not in the labor force.....	4 589	49.6	.9051	.6731	.5304	.4269	.3994	.3937	.3622	9.2
<b>Family income-to-poverty ratio<sup>3</sup></b>										
Under 1.00.....	13 384	46.0	.9047	.6458	.4967	.3908	.3625	.3532	.3250	7.9
Under .50.....	5 837	43.7	.8765	.6415	.4955	.3911	.3545	.3408	.3126	7.4
.50 to .74.....	4 332	48.3	.9231	.6635	.4880	.4019	.3755	.3755	.3469	7.8
.75 to .99.....	3 215	47.2	.9313	.6314	.5103	.3718	.3578	.3450	.3162	6.5
1.00 and over.....	5 550	30.2	.8145	.4071	.2933	.2183	.1798	.1798	.1798	3.6
1.00 to 1.24.....	2 489	35.0	.8098	.4430	.3353	.2487	.2017	.2017	.2017	3.8
1.25 to 1.49.....	1 363	23.7	.7322	.3704	.2403	.2024	.1736	.1736	.1736	2.9
1.50 to 1.99.....	555	23.9	.8978	.2301	.1921	.1390	.1390	.1390	.1390	2.7
2.00 to 2.99.....	709	28.3	.9063	.4469	.3373	.1975	.1975	.1975	.1975	3.8
3.00 and over.....	434	33.4	.8429	.4852	.2974	.1863	.0903	(B)	(B)	3.9
<b>Family premeans-tested cash income-to-poverty ratio<sup>4</sup></b>										
Under 1.00.....	14 418	45.5	.9015	.6416	.4963	.3889	.3556	.3470	.3203	7.9
Under .50.....	7 703	45.8	.9009	.6646	.5170	.4116	.3773	.3631	.3329	6.6
.50 to .74.....	3 738	46.4	.9020	.6319	.4344	.3508	.3288	.3288	.3288	7.0
.75 to .99.....	2 977	43.8	.9022	.5943	.5141	.3730	.3200	.3200	.2708	6.7
1.00 and over.....	4 517	28.1	.8041	.3635	.2440	.1818	.1604	.1604	.1604	3.4
1.00 to 1.24.....	2 103	34.6	.8333	.3919	.3103	.2436	.2186	.2186	.2186	3.6
1.25 to 1.49.....	933	14.7	.6064	.2590	.0621	.0621	.0621	.0621	.0621	2.2
1.50 to 1.99.....	447	20.1	.8734	.2833	.1820	(B)	(B)	(B)	(B)	2.4
2.00 to 2.99.....	599	28.4	.9324	.4159	.3132	.2149	.2149	.2149	.2149	3.8
3.00 and over.....	434	33.4	.8429	.4852	.2974	.1863	.0903	(B)	(B)	3.9
<b>Family pre-transfer income-to-poverty ratio<sup>5</sup></b>										
Under 1.00.....	15 323	43.9	.8954	.6231	.4755	.3720	.3408	.3328	.3085	7.2
Under .50.....	10 505	45.3	.9070	.6453	.4922	.3951	.3678	.3569	.3254	7.7
.50 to .74.....	2 554	36.7	.8782	.5770	.3786	.2493	.2216	.2216	.2216	6.4
.75 to .99.....	2 263	45.3	.8614	.5708	.5063	.4019	.3356	.3356	.3356	9.1
1.00 and over.....	3 612	30.7	.8051	.3697	.2699	.2018	.1715	.1715	.1715	3.4
1.00 to 1.24.....	1 735	38.3	.8603	.4315	.3246	.2733	.2407	.2407	.2407	3.7
1.25 to 1.49.....	561	10.5	.4759	.0867	.0867	(B)	(B)	(B)	(B)	1.9
1.50 to 1.99.....	553	32.6	.8673	.4667	.3838	.2338	(B)	(B)	(B)	3.8
2.00 to 2.99.....	398	20.0	.9403	.2550	.1434	.1434	.1434	.1434	.1434	3.5
3.00 and over.....	365	34.8	.8124	.5120	.2984	.1651	.1651	(B)	(B)	5.1
<b>MEDICAID</b>										
All spells.....	13 806	41.6	.9213	.6007	.4269	.3539	.3092	.2838	.2586	7.1
<b>Race and Hispanic origin</b>										
White.....	8 890	40.7	.9300	.6033	.4241	.3417	.3037	.2698	.2543	7.1
Black.....	4 231	44.8	.9036	.6103	.4442	.3792	.3167	.3088	.2603	7.2
Hispanic origin <sup>2</sup> .....	2 400	48.1	.9297	.6100	.3902	.3315	.3315	.3315	.3315	6.8
<b>Age</b>										
Under 18 years.....	6 455	35.6	.8305	.5153	.3391	.2910	.2525	.2272	.2105	4.6
18 to 64.....	6 538	43.6	.8035	.6559	.4650	.3604	.3189	.2927	.2560	7.6
65 years and over.....	812	73.5	.9901	.8479	.8099	.7806	.6694	.6449	.6449	(X)
<b>Sex</b>										
Male.....	6 079	38.6	.9229	.5646	.3768	.3149	.2601	.2401	.2086	6.3
Female.....	7 726	44.0	.9200	.6266	.4651	.3840	.3461	.3165	.2967	7.5
<b>Educational Attainment (persons 18 years and over)</b>										
Less than 4 years of high school.....	3 528	54.6	.8079	.7114	.5894	.5093	.4528	.4258	.4020	13.5
High school graduate but no college.....	2 726	42.6	.8022	.6532	.4603	.3554	.3030	.2708	.2240	7.5
1 or more years of college.....	1 097	33.0	.9564	.6327	.3565	.2404	.2117	.2117	.2117	7.0
<b>Disability Status (persons 15 to 69 years)</b>										
With a work disability.....	2 723	51.6	.8695	.7010	.5617	.4687	.3872	.3620	.3620	9.8
With no work disability.....	5 142	39.1	.9322	.6089	.4188	.3280	.2805	.2463	.2020	6.7
<b>Residence</b>										
Metropolitan.....	9 619	41.8	.9125	.5846	.4145	.3491	.3193	.3051	.2715	6.9
Central city.....	5 459	45.2	.9122	.5843	.4389	.3918	.3696	.3512	.3101	7.1
Non-central city.....	4 160	37.5	.9130	.5852	.3827	.2929	.2541	.2448	.2209	6.5
Nonmetropolitan.....	4 187	41.1	.8414	.6378	.4554	.3654	.2892	.2354	.2354	7.4

See footnotes at end of table.

**Table A. Spells of Monthly Program Participation for Persons Entering Programs During the 28 Month Period of the 1987 SIPP Panel, By Selected Characteristics—Con.**

[Numbers in thousands. For meaning of symbols, see text]

Characteristics	Total spells	Percentage of spells right-censored	Survival rates for programs spells after-						Median Spell Duration	
			1 month	4 months	8 months	12 months	16 months	20 months		24 months
<b>MEDICAID—Con.</b>										
<b>Family status</b>										
In families .....	12 358	40.4	.9236	.5827	.4110	.3372	.2989	.2783	.2492	6.7
In families with related children under 18 years .....	10 812	38.4	.9253	.5621	.3774	.3080	.2676	.2470	.2321	6.0
In married-couple families .....	6 514	34.3	.9060	.5361	.3544	.2818	.2510	.2215	.2042	5.0
In married-couple families with related children under 18 years .....	5 493	31.3	.9046	.5032	.3018	.2351	.2060	.1758	.1758	4.1
In families with a female householder, no spouse present .....	5 236	49.8	.9423	.6505	.4949	.4269	.3858	.3743	.3267	7.9
In families with a female householder, no spouse present, with related children under 18 years .....	4 850	48.4	.9434	.6370	.4738	.4116	.3662	.3534	.3205	7.5
Unrelated individuals .....	1 447	52.0	.9014	.7549	.5632	.4964	.4019	.3416	.3416	11.9
In non-family households .....	1 333	52.9	.9000	.7465	.5718	.4968	.4071	.3358	.3358	11.9
<b>Employment and labor force status (persons 18 years and over)</b>										
Employed full-time .....	1 107	30.2	.9141	.5298	.2737	.2067	.1860	.1516	.1516	5.0
Employed part-time .....	916	40.3	.9553	.6940	.4431	.3119	.3119	.2719	.2285	7.6
Unemployed .....	928	46.2	.9482	.7595	.5194	.3915	.2896	.2896	.2170	8.4
Not in the labor force .....	4 400	52.7	.8965	.6948	.5736	.4865	.4289	.4047	.3801	11.7
<b>Family income-to-poverty ratio<sup>3</sup></b>										
Under 1.00 .....	7 654	49.8	.9245	.6888	.5231	.4449	.3873	.3625	.3146	9.4
Under .50 .....	3 930	49.0	.9630	.6807	.5188	.4280	.3504	.3398	.2552	9.4
.50 to .74 .....	2 000	51.0	.9089	.6792	.5590	.4487	.4270	.4270	.3842	9.9
.75 to .99 .....	1 724	50.1	.8553	.7183	.4842	.4743	.4164	.3267	.3267	7.8
1.00 and over .....	6 151	31.5	.9173	.4960	.3134	.2467	.2165	.1918	.1918	4.0
1.00 to 1.24 .....	1 453	37.5	.9054	.5819	.3392	.3297	.2758	.2427	.2427	5.1
1.25 to 1.49 .....	793	26.9	.8717	.5361	.2487	.1637	.1637	.1637	.1637	6.2
1.50 to 1.99 .....	1 323	32.2	.9402	.4629	.2827	.2385	.2385	.1814	.1814	3.9
2.00 to 2.99 .....	1 411	31.0	.9246	.4700	.3591	.2610	.2372	.2068	.2068	3.9
3.00 and over .....	1 172	29.2	.9278	.4297	.2936	.1788	.1323	.1323	.1323	3.8
<b>Family premeans-tested cash income-to-poverty ratio<sup>4</sup></b>										
Under 1.00 .....	8 290	49.7	.9183	.6800	.5193	.4399	.3871	.3647	.3230	9.2
Under .50 .....	5 528	51.5	.9444	.6889	.5319	.4537	.3893	.3824	.3182	9.7
.50 to .74 .....	1 360	45.3	.8771	.6648	.5342	.4221	.3958	.3590	.3590	8.6
.75 to .99 .....	1 403	46.8	.8549	.6664	.4492	.4063	.3643	.2978	.2978	7.4
1.00 and over .....	5 515	29.5	.9257	.4883	.2977	.2336	.1994	.1700	.1700	4.0
1.00 to 1.24 .....	1 282	31.5	.8853	.5724	.3188	.3084	.2504	.2124	.2124	4.9
1.25 to 1.49 .....	639	20.2	.9135	.5161	.1045	.0808	.0808	.0553	.0553	5.3
1.50 to 1.99 .....	1 193	31.0	.9709	.4537	.2909	.2220	.2220	.1644	.1644	3.9
2.00 to 2.99 .....	1 260	32.6	.9297	.4825	.3899	.2944	.2677	.2339	.2339	4.0
3.00 and over .....	1 142	27.4	.9259	.4143	.2730	.1519	.1028	.1028	.1028	3.8
<b>Family pre-transfer income-to-poverty ratio<sup>5</sup></b>										
Under 1.00 .....	9 402	47.8	.9194	.6665	.4980	.4251	.3708	.3491	.3123	8.0
Under .50 .....	7 260	50.1	.9322	.6801	.5152	.4439	.3847	.3676	.3184	9.1
.50 to .74 .....	1 054	40.8	.8860	.6458	.4946	.3814	.3224	.3224	.3224	6.7
.75 to .99 .....	1 087	39.7	.8665	.5990	.3892	.3527	.3333	.2703	.2703	6.8
1.00 and over .....	4 404	28.4	.9252	.4657	.2825	.2083	.1829	.1505	.1505	3.9
1.00 to 1.24 .....	848	31.6	.8633	.5582	.2765	.2425	.2425	.2065	.2065	5.4
1.25 to 1.49 .....	517	19.8	.9613	.4846	.1824	.0635	.0635	.0271	(B)	4.0
1.50 to 1.99 .....	954	29.6	.9622	.4593	.3163	.2338	.1771	.1069	.1069	3.9
2.00 to 2.99 .....	1 100	32.6	.9253	.4477	.3348	.2948	.2531	.2186	.2186	3.9
3.00 and over .....	984	24.2	.9235	.4048	.2515	.1176	.0978	.0978	.0978	3.8
<b>HOUSING ASSISTANCE</b>										
All spells .....	5 697	58.5	.9855	.7346	.5656	.5137	.4302	.4302	.4302	12.6
<b>Race and Hispanic origin</b>										
White .....	4 194	55.8	.9804	.6826	.5121	.4511	.4187	.4187	.4187	8.7
Black .....	1 253	70.7	1.0000	.8739	.7000	.6632	.5895	.5895	.5895	(X)
Hispanic origin <sup>2</sup> .....	550	59.5	1.0000	.7308	.6793	.4811	.2901	(B)	(B)	11.9
<b>Age</b>										
Under 18 years .....	2 008	64.1	.9904	.8225	.6295	.5966	.4630	.4630	.4630	14.2
18 to 64 .....	3 163	53.0	.9801	.6761	.4942	.4354	.3624	.3624	.3624	7.9
65 years and over .....	527	70.0	1.0000	.7571	.7233	.6464	.6464	.6464	.6464	(X)
<b>Sex</b>										
Male .....	2 462	56.1	.9856	.6938	.5013	.4385	.3656	.3656	.3656	8.1
Female .....	3 236	60.3	.9855	.7639	.6096	.5636	.4732	.4732	.4732	13.8
<b>Educational Attainment (persons 18 years and over)</b>										
Less than 4 years of high school .....	1 341	63.1	1.0000	.7499	.6504	.5906	.4945	.4945	.4945	14.9
High school graduate but no college .....	1 366	48.2	.9639	.6829	.4612	.3760	.3476	.3476	.3476	7.6
1 or more years of college .....	963	55.0	.9858	.6375	.4639	.4429	.4092	.4092	(B)	7.6
<b>Disability Status (persons 15 to 69 years)</b>										
With a work disability .....	777	65.0	.9764	.7374	.6685	.6290	.5474	.5474	.5474	(X)
With no work disability .....	2 837	50.6	.9809	.6529	.4649	.3886	.3166	.3166	.3166	7.6

See footnotes at end of table.

**Table A. Spells of Monthly Program Participation for Persons Entering Programs During the 28 Month Period of the 1987 SIPP Panel, By Selected Characteristics—Con.**

[Numbers in thousands. For meaning of symbols, see text]

Characteristics	Total spells	Percentage of spells right-censored	Survival rates for programs spells after-							Median Spell Duration
			1 month	4 months	8 months	12 months	16 months	20 months	24 months	
<b>HOUSING ASSISTANCE—Con.</b>										
<b>Residence</b>										
Metropolitan .....	3 995	61.6	.9928	.7801	.6190	.5478	.4811	.4811	.4811	14.5
Central city .....	2 687	66.7	.9985	.8930	.6774	.5969	.5147	.5147	.5147	(X)
Non-central city .....	1 308	51.2	.9853	.6147	.5020	.4522	.4291	.4291	(B)	8.1
Nonmetropolitan .....	1 702	51.2	.9682	.6116	.4195	.4195	.2963	.2963	(B)	6.7
<b>Family status</b>										
In families .....	4 407	58.6	.9813	.7492	.5613	.5138	.4113	.4113	.4113	12.5
In families with related children under 18 years .....	3 931	60.0	.9859	.7787	.5643	.5226	.4040	.4040	.4040	12.7
In married-couple families .....	2 186	52.1	.9752	.7014	.4910	.4321	.2943	.2943	.2943	7.9
In married-couple families with related children under 18 years .....	1 812	53.6	.9752	.7432	.4794	.4370	.2623	.2623	(B)	7.8
In families with a female householder, no spouse present .....	2 075	67.6	.9865	.8084	.6484	.6062	.5517	.5517	.5517	(X)
In families with a female householder, no spouse present, with related children under 18 years .....	2 007	68.6	.9951	.8241	.6572	.6127	.5550	.5550	.5550	(X)
Unrelated individuals .....	1 291	58.0	1.0000	.6856	.5747	.5114	.4825	.4825	.4825	12.7
In non-family households .....	1 184	59.4	1.0000	.6868	.5871	.5487	.5177	.5177	.5177	(X)
<b>Employment and labor force status (persons 18 years and over)</b>										
Employed full-time .....	1 474	43.4	.9764	.5966	.4058	.3058	.2503	(B)	(B)	7.1
Employed part-time .....	431	68.6	.9544	.7018	.6366	.6366	.6366	.6366	.6366	(X)
Unemployed .....	262	55.6	1.0000	.8502	.4392	.4392	.3391	.3391	.3391	7.6
Not in the labor force .....	1 522	63.4	.9945	.7484	.6383	.5752	.5106	.5106	.5106	(X)
<b>Family income-to-poverty ratio<sup>3</sup></b>										
Under 1.00 .....	2 517	68.1	.9961	.8256	.6336	.6279	.5500	.5500	.5500	(X)
Under .50 .....	1 292	63.5	1.0000	.7908	.5822	.5822	.5050	.5050	(B)	(X)
.50 to .74 .....	536	82.7	1.0000	.8934	.7725	.7725	.7725	.7725	(B)	(X)
.75 to .99 .....	689	65.2	.9859	.8383	.6281	.6055	.4879	.4879	.4879	13.9
1.00 and over .....	3 180	50.9	.9771	.6650	.5135	.4183	.3308	.3308	.3308	8.7
1.00 to 1.24 .....	551	67.1	.9852	.8705	.7714	.7423	.5020	.5020	.5020	(X)
1.25 to 1.49 .....	374	69.0	.9717	.8186	.5268	.4824	.4824	.4824	(B)	8.6
1.50 to 1.99 .....	785	50.4	.9881	.6340	.5364	.4168	.2754	.2754	.2754	10.1
2.00 to 2.99 .....	774	42.1	.9420	.6133	.3982	.2180	.2180	.2180	.2180	6.0
3.00 and over .....	697	38.7	1.0000	.5448	.4072	.3358	.2996	(B)	(B)	5.4

See footnotes at end of table.

Table A. **Spells of Monthly Program Participation for Persons Entering Programs During the 28 Month Period of the 1987 SIPP Panel, By Selected Characteristics—Con.**

[Numbers in thousands. For meaning of symbols, see text]

Characteristics	Total spells	Percentage of spells right-censored	Survival rates for programs spells after-						Median Spell Duration	
			1 month	4 months	8 months	12 months	16 months	20 months		24 months
<b>HOUSING ASSISTANCE—Con.</b>										
<b>Family premeans-tested cash income-to-poverty ratio<sup>4</sup></b>										
Under 1.00 -----	2 857	68.8	.9936	.8351	.6691	.6641	.5480	.5480	.5480	(X)
Under .50 -----	2 067	66.9	.9960	.8425	.6649	.6649	.4916	.4916	.4916	14.9
.50 to .74 -----	341	82.6	1.0000	.8826	.7689	.7689	.7689	.7689	.7689	(X)
.75 to .99 -----	429	67.0	.9775	.7648	.6191	.5916	.5916	.5916	.5916	(X)
1.00 and over -----	2 840	48.1	.9775	.8391	.6859	.3523	.3072	.3072	.3072	7.6
1.00 to 1.24 -----	345	65.2	.9724	.7692	.5859	.5206	.5206	.5206	.5206	(X)
1.25 to 1.49 -----	239	62.4	1.0000	.8854	.4885	.4242	.4242	.4242	.4242	(B)
1.50 to 1.99 -----	785	50.4	.9681	.8340	.5364	.4168	.2754	.2754	.2754	10.1
2.00 to 2.99 -----	774	42.1	.9420	.6133	.3982	.2180	.2180	.2180	.2180	6.0
3.00 and over -----	697	38.7	1.0000	.5448	.4072	.3358	.2996	(B)	(B)	5.4
<b>Family pre-transfer income-to-poverty ratio<sup>5</sup></b>										
Under 1.00 -----	3 219	68.3	.9944	.8280	.6696	.6537	.5444	.5444	.5444	(X)
Under .50 -----	2 607	67.0	.9968	.8300	.6617	.6566	.5310	.5310	.5310	(X)
.50 to .74 -----	312	72.0	1.0000	.8901	.7777	.6618	.6042	.6042	.6042	(X)
.75 to .99 -----	300	75.7	.9669	.7393	.6277	.6277	.6277	.6277	.6277	(X)
1.00 and over -----	2 478	45.8	.9743	.6201	.4333	.3134	.2674	.2674	.2674	7.3
1.00 to 1.24 -----	394	51.6	.9758	.6066	.4283	.3730	.3730	.3730	.3730	(B)
1.25 to 1.49 -----	146	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1.50 to 1.99 -----	588	55.9	.9642	.6847	.5661	.4758	.3209	.3209	.3209	10.7
2.00 to 2.99 -----	678	39.6	.9336	.6115	.3783	.1677	.1677	(B)	(B)	5.9
3.00 and over -----	672	38.1	1.0000	.5450	.4013	.3243	.2636	(B)	(B)	5.4

<sup>1</sup>Major assistance programs include AFDC or other cash assistance, Supplemental Security Income, food stamps, Medicaid, and housing assistance.

<sup>2</sup>Persons of Hispanic origin may be of any race.

<sup>3</sup>Based on money income excluding capital gains and before taxes.

<sup>4</sup>Based on money income excluding capital gains and means-tested government cash transfers and before taxes.

<sup>5</sup>Based on money income excluding capital gains and government cash transfers and before taxes.