

Appendix C

National Estimates of Cell Counts and Transition Probabilities

[In this appendix, asterisked entries in the first column indicate imputed zero values for cells in which initial estimates yielded a negative entry. See Chapter 5 for explanation.

Note: Row entries may not sum to the indicated row total due to rounding.]

Exhibit C-1: Cell Counts, 1998

Current-month status	Next-month status					Total
	Non-participating	Ongoing correct	Ongoing error	Expiring correct	Expiring error	
Cell counts for total households (in thousands)						
Nonparticipating	93,636	502	70	0	0	94,207
Ongoing correct	0 *	4,798	490	764	102	6,154
Ongoing error	362	198	516	1	97	1,174
Expiring correct	187	531	71	0	0	789
Expiring error	147	34	22	0	0	204
Total	94,332	6,064	1,168	765	199	102,528
Cell counts for households with earnings (in thousands)						
Nonparticipating	78,811	150	35	0	0	78,995
Ongoing correct	0 *	930	233	234	58	1,455
Ongoing error	187	95	146	0	37	464
Expiring correct	26	171	41	0	0	238
Expiring error	65	20	11	0	0	96
Total	79,090	1,365	466	234	94	81,248
Cell counts for households without earnings (in thousands)						
Nonparticipating	14,757	352	35	0	0	15,144
Ongoing correct	68	3,868	256	530	44	4,768
Ongoing error	174	104	371	0	60	710
Expiring correct	162	360	30	0	0	551
Expiring error	81	16	11	0	0	108
Total	15,242	4,700	703	531	105	21,280

Exhibit C-2: Cell Counts, 1999

Current-month status	Next-month status					Total
	Non-participating	Ongoing correct	Ongoing error	Expiring correct	Expiring error	
Cell counts for total households (in thousands)						
Nonparticipating	95,623	518	63	0	0	96,204
Ongoing correct	276	4,431	390	678	67	5,841
Ongoing error	158	318	438	1	78	993
Expiring correct	123	499	65	0	0	687
Expiring error	82	48	20	0	0	150
Total	96,262	5,813	975	679	145	103,874
Cell counts for households with earnings (in thousands)						
Nonparticipating	80,367	153	31	0	0	80,551
Ongoing correct	36	869	188	219	42	1,354
Ongoing error	89	142	133	1	39	404
Expiring correct	26	157	38	0	0	221
Expiring error	45	29	7	0	0	82
Total	80,563	1,351	397	220	80	82,611
Cell counts for households without earnings (in thousands)						
Nonparticipating	15,257	365	32	0	0	15,653
Ongoing correct	240	3,561	202	459	25	4,487
Ongoing error	69	176	304	0	39	589
Expiring correct	97	341	27	0	0	466
Expiring error	35	20	12	0	0	68
Total	15,699	4,463	578	459	64	21,263

Exhibit C-3: Cell Counts, 2000

Current-month status	Next-month status					Total
	Non-participating	Ongoing correct	Ongoing error	Expiring correct	Expiring error	
Cell counts for total households (in thousands)						
Nonparticipating	96,812	521	51	0	0	97,384
Ongoing correct	320	4,259	346	673	64	5,661
Ongoing error	70	328	368	3	74	845
Expiring correct	147	480	50	0	0	677
Expiring error	67	54	18	0	0	139
Total	97,416	5,643	832	676	138	104,705
Cell counts for households with earnings (in thousands)						
Nonparticipating	81,990	173	27	0	0	82,190
Ongoing correct	63	811	177	235	42	1,327
Ongoing error	72	140	112	2	32	357
Expiring correct	36	169	31	0	0	235
Expiring error	38	30	7	0	0	74
Total	82,199	1,323	353	236	74	84,184
Cell counts for households without earnings (in thousands)						
Nonparticipating	14,821	347	24	0	0	15,192
Ongoing correct	257	3,448	169	438	22	4,333
Ongoing error	0 *	188	257	2	43	489
Expiring correct	111	311	19	0	0	441
Expiring error	28	25	11	0	0	64
Total	15,217	4,320	480	440	64	20,521

Exhibit C-4: Cell Counts, 2001

Current-month status	Next-month status					Total
	Non-participating	Ongoing correct	Ongoing error	Expiring correct	Expiring error	
Cell counts for total households (in thousands)						
Nonparticipating	98,385	574	57	0	0	99,015
Ongoing correct	485	4,302	337	633	56	5,814
Ongoing error	23	380	360	2	63	829
Expiring correct	72	509	58	0	0	640
Expiring error	51	56	14	0	0	121
Total	99,015	5,821	827	636	119	106,418
Cell counts for households with earnings (in thousands)						
Nonparticipating	83,049	190	29	0	0	83,268
Ongoing correct	141	846	160	211	29	1,387
Ongoing error	43	159	102	1	27	331
Expiring correct	10	169	33	0	0	212
Expiring error	25	28	4	0	0	58
Total	83,268	1,391	329	212	56	85,257
Cell counts for households without earnings (in thousands)						
Nonparticipating	15,318	384	27	0	0	15,729
Ongoing correct	344	3,456	177	422	27	4,427
Ongoing error	0 *	221	259	1	36	517
Expiring correct	60	340	25	0	0	425
Expiring error	25	28	10	0	0	63
Total	15,747	4,430	498	423	63	21,161

Exhibit C-5: Transition Probabilities, 1998

Current-month status	Next-month status					Total
	Non-participating	Ongoing correct	Ongoing error	Expiring correct	Expiring error	
Transition probabilities for total households						
Nonparticipating	0.994	0.005	0.001	0.000	0.000	1.000
Ongoing correct	0.000 *	0.780	0.080	0.124	0.017	1.000
Ongoing error	0.308	0.169	0.440	0.000	0.083	1.000
Expiring correct	0.237	0.673	0.090	0.000	0.000	1.000
Expiring error	0.724	0.169	0.107	0.000	0.000	1.000
Transition probabilities for households with earnings						
Nonparticipating	0.998	0.002	0.000	0.000	0.000	1.000
Ongoing correct	0.000 *	0.639	0.161	0.161	0.040	1.000
Ongoing error	0.404	0.204	0.314	0.000	0.079	1.000
Expiring correct	0.110	0.718	0.171	0.000	0.000	1.000
Expiring error	0.681	0.204	0.115	0.000	0.000	1.000
Transition probabilities for households without earnings						
Nonparticipating	0.974	0.023	0.002	0.000	0.000	1.000
Ongoing correct	0.014	0.811	0.054	0.111	0.009	1.000
Ongoing error	0.246	0.146	0.522	0.001	0.085	1.000
Expiring correct	0.293	0.652	0.054	0.000	0.000	1.000
Expiring error	0.754	0.147	0.099	0.000	0.000	1.000

Exhibit C-6: Transition Probabilities, 1999

Current-month status	Next-month status					Total
	Non-participating	Ongoing correct	Ongoing error	Expiring correct	Expiring error	
Transition probabilities for total households						
Nonparticipating	0.994	0.005	0.001	0.000	0.000	1.000
Ongoing correct	0.047	0.759	0.067	0.116	0.011	1.000
Ongoing error	0.159	0.320	0.441	0.001	0.079	1.000
Expiring correct	0.178	0.727	0.095	0.000	0.000	1.000
Expiring error	0.546	0.321	0.133	0.000	0.000	1.000
Transition probabilities for households with earnings						
Nonparticipating	0.998	0.002	0.000	0.000	0.000	1.000
Ongoing correct	0.027	0.642	0.139	0.162	0.031	1.000
Ongoing error	0.220	0.351	0.330	0.002	0.096	1.000
Expiring correct	0.119	0.711	0.170	0.000	0.000	1.000
Expiring error	0.555	0.353	0.092	0.000	0.000	1.000
Transition probabilities for households without earnings						
Nonparticipating	0.975	0.023	0.002	0.000	0.000	1.000
Ongoing correct	0.054	0.794	0.045	0.102	0.006	1.000
Ongoing error	0.117	0.299	0.517	0.001	0.066	1.000
Expiring correct	0.209	0.732	0.059	0.000	0.000	1.000
Expiring error	0.518	0.300	0.182	0.000	0.000	1.000

Exhibit C-7: Transition Probabilities, 2000

Current-month status	Next-month status					Total
	Non-participating	Ongoing correct	Ongoing error	Expiring correct	Expiring error	
Transition probabilities for total households						
Nonparticipating	0.994	0.005	0.001	0.000	0.000	1.000
Ongoing correct	0.056	0.752	0.061	0.119	0.011	1.000
Ongoing error	0.083	0.389	0.436	0.004	0.088	1.000
Expiring correct	0.217	0.709	0.074	0.000	0.000	1.000
Expiring error	0.480	0.393	0.127	0.000	0.000	1.000
Transition probabilities for households with earnings						
Nonparticipating	0.998	0.002	0.000	0.000	0.000	1.000
Ongoing correct	0.047	0.611	0.133	0.177	0.032	1.000
Ongoing error	0.201	0.392	0.313	0.005	0.089	1.000
Expiring correct	0.154	0.716	0.130	0.000	0.000	1.000
Expiring error	0.511	0.397	0.092	0.000	0.000	1.000
Transition probabilities for households without earnings						
Nonparticipating	0.976	0.023	0.002	0.000	0.000	1.000
Ongoing correct	0.059	0.796	0.039	0.101	0.005	1.000
Ongoing error	0.000 *	0.385	0.525	0.003	0.087	1.000
Expiring correct	0.251	0.705	0.044	0.000	0.000	1.000
Expiring error	0.442	0.389	0.169	0.000	0.000	1.000

Exhibit C-8: Transition Probabilities, 2001

Current-month status	Next-month status					Total
	Non-participating	Ongoing correct	Ongoing error	Expiring correct	Expiring error	
Transition probabilities for total households						
Nonparticipating	0.994	0.006	0.001	0.000	0.000	1.000
Ongoing correct	0.083	0.740	0.058	0.109	0.010	1.000
Ongoing error	0.028	0.459	0.435	0.003	0.076	1.000
Expiring correct	0.113	0.796	0.091	0.000	0.000	1.000
Expiring error	0.420	0.462	0.119	0.000	0.000	1.000
Transition probabilities for households with earnings						
Nonparticipating	0.997	0.002	0.000	0.000	0.000	1.000
Ongoing correct	0.102	0.610	0.116	0.152	0.021	1.000
Ongoing error	0.128	0.480	0.307	0.004	0.081	1.000
Expiring correct	0.049	0.795	0.157	0.000	0.000	1.000
Expiring error	0.440	0.484	0.076	0.000	0.000	1.000
Transition probabilities for households without earnings						
Nonparticipating	0.974	0.024	0.002	0.000	0.000	1.000
Ongoing correct	0.078	0.781	0.040	0.095	0.006	1.000
Ongoing error	0.000 *	0.428	0.501	0.002	0.070	1.000
Expiring correct	0.141	0.800	0.059	0.000	0.000	1.000
Expiring error	0.395	0.447	0.158	0.000	0.000	1.000