

Table A-1. Working life table for men, 1979-80

(Average years remaining)

Age x	Life expectancy	Expectation of active and inactive life by current labor force status					
		Total population		Currently active in labor force		Currently inactive	
		Active years remaining	Inactive years remaining	Active years remaining	Inactive years remaining	Active years remaining	Inactive years remaining
x	$\cdot e^a_x$	$\cdot e^a_x$	$\cdot e^i_x$	$a_e^a_x$	$a_e^i_x$	$i_e^a_x$	$i_e^i_x$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
16	55.5	39.1	16.5	39.8	15.7	38.3	17.2
17	54.6	38.6	16.0	39.3	15.3	37.7	16.9
18	53.7	38.0	15.6	38.7	15.0	37.1	16.6
19	52.8	37.5	15.3	38.1	14.7	36.4	16.3
20	51.8	36.8	15.0	37.4	14.5	35.7	16.1
21	50.9	36.2	14.8	36.7	14.3	35.0	16.0
22	50.0	35.4	14.6	35.9	14.1	34.2	15.8
23	49.1	34.7	14.4	35.1	14.0	33.4	15.7
24	48.2	33.9	14.3	34.3	13.9	32.6	15.6
25	47.3	33.1	14.2	33.5	13.8	31.8	15.6
26	46.4	32.3	14.1	32.7	13.6	30.9	15.5
27	45.5	31.5	14.1	31.8	13.7	30.0	15.5
28	44.6	30.6	14.0	30.9	13.7	29.1	15.5
29	43.7	29.8	13.9	30.1	13.6	28.1	15.6
30	42.8	28.9	13.9	29.2	13.6	27.1	15.6
31	41.9	28.0	13.9	28.3	13.5	26.2	15.7
32	40.9	27.1	13.8	27.5	13.5	25.1	15.8
33	40.0	26.2	13.8	26.6	13.4	24.1	15.9
34	39.1	25.3	13.7	25.7	13.4	23.1	15.9
35	38.2	24.5	13.7	24.8	13.4	22.1	16.0
36	37.3	23.6	13.7	23.9	13.3	21.1	16.2
37	36.3	22.7	13.7	23.1	13.3	20.0	16.3
38	35.4	21.8	13.6	22.2	13.2	19.0	16.5
39	34.5	20.9	13.6	21.3	13.2	17.9	16.6
40	33.6	20.0	13.6	20.4	13.2	16.9	16.7
41	32.7	19.2	13.6	19.6	13.1	15.9	16.8
42	31.8	18.3	13.5	18.7	13.1	14.9	17.0
43	30.9	17.4	13.5	17.9	13.0	13.8	17.1
44	30.1	16.6	13.5	17.1	13.0	12.8	17.3
45	29.2	15.7	13.5	16.3	12.9	11.8	17.3
46	28.3	14.9	13.4	15.6	12.9	10.9	17.4
47	27.5	14.0	13.4	14.7	12.8	10.0	17.4
48	26.6	13.2	13.4	13.9	12.8	9.2	17.4
49	25.8	12.4	13.4	13.1	12.7	8.3	17.4
50	25.0	11.6	13.4	12.3	12.6	7.6	17.4
51	24.2	10.8	13.4	11.6	12.6	6.8	17.4
52	23.4	10.0	13.3	10.8	12.5	6.1	17.3
53	22.6	9.3	13.3	10.1	12.5	5.4	17.2
54	21.8	8.5	13.3	9.4	12.4	4.7	17.1
55	21.1	7.8	13.3	8.7	12.4	4.2	16.9
56	20.3	7.0	13.3	8.0	12.3	3.7	16.7
57	19.6	6.3	13.3	7.4	12.2	3.2	16.4
58	18.9	5.6	13.2	6.8	12.1	2.8	16.1
59	18.2	5.0	13.2	6.2	11.9	2.5	15.7
60	17.5	4.4	13.1	5.7	11.7	2.2	15.3
61	16.8	3.9	12.9	5.3	11.5	1.9	14.9
62	16.1	3.4	12.7	4.9	11.2	1.7	14.4
63	15.5	3.0	12.5	4.6	10.9	1.5	14.0
64	14.9	2.6	12.3	4.3	10.5	1.3	13.5
65	14.2	2.3	12.0	4.1	10.1	1.2	13.1
66	13.6	2.0	11.6	3.9	9.7	1.0	12.6
67	13.0	1.8	11.3	3.8	9.3	.8	12.2
68	12.5	1.6	10.9	3.6	8.9	.7	11.8
69	11.9	1.4	10.5	3.4	8.5	.5	11.4
70	11.4	1.2	10.2	3.2	8.1	.4	11.0
71	10.9	1.1	9.8	3.1	7.8	.3	10.5
72	10.4	.9	9.4	2.8	7.5	.2	10.1
73	9.9	.8	9.1	2.6	7.3	.1	9.7
74	9.4	.7	8.7	2.2	7.2	.1	9.3
75	9.0	.6	8.4	1.7	7.2	.0	8.9

Table A-1. Working life table for men, 1979-80—Continued

Age x	Probability of transition between specified states during age interval x to x+1					Age-specific rates of transfer per 1,000 persons in initial status during age interval x to x+1		
	Living to dead ¹ $\cdot p_x^d$	Inactive to inactive $i_p_x^i$	Inactive to active $i_p_x^a$	Active to inactive $a_p_x^i$	Active to active $a_p_x^a$	Mortality $\cdot m_x^d$	Labor force accession $i_m_x^a$	Voluntary labor force separation $a_m_x^i$
	(8)	(9)	(10)	(11)	(12)			
16	.00125	.58327	.41547	.024193	.75682	.00126	.61987	.36095
17	.00148	.61255	.38597	.22043	.77808	.00149	.55491	.31692
18	.00165	.58417	.41418	.17233	.82602	.00165	.58722	.24433
19	.00177	.55755	.44068	.14453	.85370	.00177	.62430	.20475
20	.00189	.53996	.45815	.12034	.87777	.00189	.64607	.16970
21	.00200	.52949	.46851	.09781	.90019	.00200	.65514	.13678
22	.00206	.51802	.47991	.08162	.91632	.00207	.66891	.11376
23	.00208	.50424	.49369	.07061	.92731	.00208	.68945	.09861
24	.00205	.49876	.49919	.05970	.93825	.00205	.69448	.08305
25	.00202	.49823	.49976	.05036	.94763	.00202	.69103	.06963
26	.00197	.49443	.50360	.04307	.95496	.00197	.69466	.05942
27	.00193	.49646	.50161	.03856	.95950	.00194	.68879	.05296
28	.00191	.50542	.49267	.03544	.96265	.00191	.67094	.04827
29	.00189	.51674	.48136	.03253	.96557	.00190	.64926	.04388
30	.00189	.53604	.46208	.03072	.96740	.00189	.61451	.04085
31	.00189	.55614	.44197	.02889	.96922	.00189	.57933	.03787
32	.00191	.57943	.41866	.02643	.97166	.00191	.53967	.03407
33	.00197	.60220	.39584	.02460	.97343	.00197	.50232	.03122
34	.00204	.60975	.38821	.02371	.97425	.00204	.49003	.02993
35	.00214	.62305	.37481	.02390	.97396	.00215	.46926	.02992
36	.00227	.64356	.35417	.02347	.97426	.00227	.43772	.02901
37	.00241	.66643	.33115	.02198	.97561	.00242	.40324	.02676
38	.00259	.68823	.30918	.02177	.97564	.00259	.37154	.02616
39	.00280	.69788	.29933	.02188	.97533	.00280	.35769	.02614
40	.00303	.71431	.28266	.02185	.97512	.00303	.33453	.02585
41	.00330	.72803	.26867	.02300	.97371	.00330	.31567	.02702
42	.00361	.73243	.26396	.02398	.97241	.00362	.30956	.02812
43	.00396	.75201	.24403	.02400	.97204	.00397	.28301	.02783
44	.00436	.77257	.22307	.02365	.97199	.00437	.25565	.02711
45	.00479	.78558	.20963	.02427	.97094	.00481	.23861	.02762
46	.00528	.79375	.20098	.02573	.96900	.00529	.22795	.02918
47	.00582	.80000	.19418	.02686	.96732	.00584	.21966	.03039
48	.00643	.80836	.18521	.02844	.96513	.00645	.20878	.03206
49	.00711	.81562	.17727	.03011	.96278	.00714	.19928	.03385
50	.00785	.82354	.16861	.03141	.96074	.00788	.18891	.03519
51	.00869	.83046	.16085	.03310	.95821	.00873	.17977	.03699
52	.00947	.83629	.15424	.03561	.95492	.00952	.17213	.03974
53	.01030	.84550	.14419	.03912	.95057	.01036	.16048	.04354
54	.01118	.85423	.13459	.04347	.94534	.01125	.14949	.04829
55	.01211	.86009	.12780	.04883	.93906	.01218	.14198	.05425
56	.01313	.86565	.12122	.05923	.92764	.01322	.13510	.06601
57	.01429	.87491	.11080	.07528	.91043	.01439	.12402	.08426
58	.01563	.88392	.10045	.09089	.89349	.01575	.11293	.10218
59	.01712	.89177	.09111	.11200	.87088	.01727	.10327	.12694
60	.01875	.89889	.08236	.13982	.84143	.01893	.09453	.16048
61	.02046	.90128	.07825	.16430	.81523	.02068	.09103	.19114
62	.02227	.90159	.07615	.18554	.79220	.02252	.08975	.21867
63	.02414	.90324	.07262	.20784	.76802	.02444	.08671	.24817
64	.02612	.90474	.06914	.22803	.74585	.02647	.08356	.27559
65	.02820	.90426	.06754	.24122	.73058	.02860	.08239	.29425
66	.03043	.90424	.06533	.24690	.72267	.03090	.08005	.30255
67	.03293	.90565	.06142	.25232	.71475	.03348	.07554	.31033
68	.03577	.90603	.05820	.25232	.71191	.03642	.07167	.31072
69	.03893	.90693	.05414	.25343	.70764	.03970	.06679	.31262
70	.04238	.90871	.04891	.26038	.69724	.04330	.06062	.32276
71	.04603	.90957	.04440	.25865	.69532	.04711	.05505	.32073
72	.04979	.90948	.04073	.26201	.68820	.05106	.05070	.32619
73	.05359	.90651	.03990	.27557	.67084	.05507	.05028	.34723
74	.05750	.90943	.03307	.27980	.66270	.05920	.04179	.35356
75	.06161	.91349	.02478	.22977	.70850	.06357	.03037	.28162

¹ Mortality rates used are those of the general male population.

Table A-1. Working life table for men, 1979-80—Continued

Age x	Stationary population living in each status at exact age x, per 100,000 persons born			Number of status transfers within stationary population during age interval x to x+1				
	Labor force status			Labor force entries i_x	Voluntary labor force exits a_{i_x}	Deaths by labor force status		
	Total τ_x	Active a_x	Inactive i_x			Total τ_d_x	Active a_d_x	Inactive i_d_x
	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
16	97,823	46,923	50,900	28,496	18,694	123	65	58
17	97,700	56,660	41,040	21,827	18,474	145	87	58
18	97,555	59,926	37,629	20,534	15,272	161	103	58
19	97,394	65,085	32,309	18,645	13,809	172	119	53
20	97,222	69,801	27,421	16,354	12,188	183	136	48
21	97,039	73,833	23,206	13,992	10,338	194	151	43
22	96,845	77,335	19,510	12,016	8,962	200	163	37
23	96,644	80,226	16,418	10,466	8,023	201	169	32
24	96,443	82,499	13,944	8,967	6,930	198	171	26
25	96,246	84,366	11,880	7,618	5,927	194	172	22
26	96,052	85,885	10,167	6,562	5,140	189	171	19
27	95,863	87,137	8,726	5,655	4,637	185	170	16
28	95,678	87,985	7,693	4,931	4,259	183	169	14
29	95,495	88,489	7,006	4,384	3,890	181	168	13
30	95,314	88,815	6,499	3,906	3,631	180	168	12
31	95,134	88,922	6,212	3,544	3,368	180	168	12
32	94,954	88,930	6,024	3,201	3,030	181	170	11
33	94,773	88,932	5,841	2,900	2,776	186	175	11
34	94,587	88,882	5,705	2,767	2,659	193	181	12
35	94,394	88,808	5,586	2,625	2,654	202	190	12
36	94,192	88,589	5,603	2,470	2,566	214	201	13
37	93,977	88,292	5,685	2,301	2,359	227	213	14
38	93,751	88,022	5,729	2,153	2,298	243	228	15
39	93,508	87,649	5,859	2,122	2,286	261	245	17
40	93,247	87,241	6,006	2,041	2,249	283	264	19
41	92,963	86,767	6,196	2,005	2,336	306	285	21
42	92,658	86,152	6,506	2,064	2,413	334	310	24
43	92,324	85,493	6,831	1,984	2,369	366	338	28
44	91,957	84,768	7,189	1,885	2,288	401	369	32
45	91,556	83,997	7,559	1,853	2,308	439	402	37
46	91,118	83,141	7,977	1,875	2,412	481	437	43
47	90,637	82,166	8,471	1,917	2,481	528	477	51
48	90,109	81,125	8,984	1,937	2,582	579	520	60
49	89,530	79,961	9,569	1,971	2,685	637	566	71
50	88,893	78,680	10,213	1,992	2,744	698	615	83
51	88,195	77,314	10,881	2,020	2,833	787	669	98
52	87,429	75,833	11,596	2,065	2,981	828	714	114
53	86,601	74,203	12,398	2,069	3,190	892	759	134
54	85,709	72,323	13,386	2,090	3,440	959	801	157
55	84,749	70,171	14,578	2,168	3,741	1,026	840	186
56	83,724	67,759	15,965	2,283	4,374	1,099	876	223
57	82,624	64,791	17,833	2,376	5,298	1,181	905	276
58	81,443	60,963	20,480	2,491	6,002	1,273	925	347
59	80,170	56,527	23,643	2,636	6,849	1,373	932	441
60	78,798	51,383	27,415	2,800	7,773	1,477	917	561
61	77,321	45,493	31,828	3,095	8,130	1,582	879	703
62	75,738	39,578	36,160	3,415	8,056	1,686	830	857
63	74,052	34,107	39,945	3,604	7,843	1,788	772	1,016
64	72,264	29,096	43,168	3,713	7,411	1,888	712	1,176
65	70,376	24,686	45,690	3,830	6,739	1,985	655	1,330
66	68,391	21,121	47,270	3,812	5,971	2,081	610	1,471
67	66,310	18,351	47,959	3,627	5,340	2,184	576	1,607
68	64,126	16,062	48,064	3,428	4,707	2,294	552	1,742
69	61,833	14,232	47,601	3,152	4,202	2,407	534	1,874
70	59,426	12,649	46,777	2,806	3,834	2,518	514	2,004
71	56,908	11,107	45,801	2,486	3,346	2,619	491	2,128
72	54,288	9,756	44,532	2,220	2,982	2,703	467	2,236
73	51,585	8,528	43,057	2,123	2,772	2,764	440	2,325
74	48,821	7,439	41,382	1,695	2,428	2,807	407	2,400
75	46,013	6,298	39,715	1,176	1,654	2,835	373	2,462

Table A-1. Working life table for men, 1979-80—Continued

Age x	Person years lived in each status during age x			Person years lived in each status beyond exact age x		
	Total $\cdot L_x^a$	Active $\cdot L_x^i$	Inactive $\cdot L_x^j$	Total $\cdot T_x^a$	Active $\cdot T_x^i$	Inactive $\cdot T_x^j$
(24)	(25)	(26)	(27)	(28)	(29)	
16	97,762	51,792	45,970	5,430,730	3,820,429	1,610,301
17	97,628	58,293	39,335	5,332,968	3,768,638	1,564,330
18	97,475	62,506	34,969	5,235,340	3,710,345	1,524,995
19	97,308	67,443	29,865	5,137,865	3,647,839	1,490,026
20	97,130	71,817	25,313	5,040,557	3,580,395	1,460,162
21	96,941	75,583	21,358	4,943,427	3,508,578	1,434,849
22	96,744	78,780	17,964	4,846,486	3,432,995	1,413,491
23	96,544	81,363	15,181	4,749,742	3,354,215	1,395,527
24	96,345	83,433	12,912	4,653,198	3,272,852	1,380,346
25	96,149	85,125	11,024	4,556,853	3,189,419	1,367,434
26	95,958	86,511	9,447	4,460,704	3,104,293	1,356,411
27	95,770	87,560	8,210	4,364,746	3,017,782	1,346,964
28	95,586	88,237	7,349	4,268,976	2,930,222	1,338,754
29	95,404	88,651	6,753	4,173,390	2,841,985	1,331,405
30	95,224	88,868	6,356	4,077,986	2,753,334	1,324,652
31	95,044	88,926	6,118	3,982,762	2,664,465	1,318,297
32	94,864	88,932	5,932	3,887,718	2,575,539	1,312,179
33	94,680	88,907	5,773	3,792,854	2,486,608	1,306,246
34	94,490	88,844	5,646	3,698,174	2,397,701	1,300,473
35	94,293	88,698	5,595	3,603,684	2,308,856	1,294,628
36	94,084	88,440	5,644	3,509,391	2,220,158	1,289,233
37	93,864	88,157	5,707	3,415,307	2,131,718	1,283,589
38	93,629	87,835	5,794	3,321,443	2,043,561	1,277,882
39	93,377	87,444	5,933	3,227,814	1,955,726	1,272,088
40	93,105	87,004	6,101	3,134,437	1,868,282	1,266,155
41	92,811	86,460	6,351	3,041,332	1,781,278	1,260,054
42	92,490	85,821	6,669	2,948,521	1,694,818	1,253,703
43	92,140	85,130	7,010	2,856,031	1,608,997	1,247,034
44	91,757	84,383	7,374	2,763,891	1,523,867	1,240,024
45	91,337	83,569	7,768	2,672,134	1,439,484	1,232,650
46	90,877	82,653	8,224	2,580,797	1,355,915	1,224,882
47	90,373	81,646	8,727	2,489,920	1,273,261	1,216,659
48	89,820	80,543	9,277	2,399,547	1,191,615	1,207,932
49	89,212	79,321	9,891	2,309,727	1,111,072	1,198,655
50	88,545	77,998	10,547	2,220,515	1,031,751	1,188,764
51	87,812	76,573	11,239	2,131,970	953,753	1,178,217
52	87,015	75,018	11,997	2,044,158	877,180	1,166,978
53	86,155	73,263	12,892	1,957,143	802,161	1,154,982
54	85,229	71,247	13,982	1,870,988	728,898	1,142,090
55	84,237	68,965	15,272	1,785,759	657,651	1,128,108
56	83,174	66,275	16,899	1,701,522	588,686	1,112,836
57	82,034	62,877	19,157	1,618,348	522,411	1,095,937
58	80,807	58,745	22,062	1,536,314	459,533	1,076,781
59	79,484	53,955	25,529	1,455,507	400,788	1,054,719
60	78,059	48,437	29,622	1,376,023	346,833	1,029,190
61	76,529	42,535	33,994	1,297,964	298,396	999,568
62	74,895	36,842	38,053	1,221,436	255,861	965,574
63	73,158	31,601	41,557	1,146,540	219,019	927,521
64	71,320	26,891	44,429	1,073,382	187,417	885,965
65	69,364	22,903	46,481	1,002,062	160,527	841,535
66	67,351	19,736	47,615	932,678	137,624	795,054
67	65,218	17,207	48,011	865,327	117,887	747,440
68	62,980	15,147	47,833	800,109	100,681	699,428
69	60,629	13,440	47,189	737,129	85,533	651,596
70	58,166	11,878	46,288	676,500	72,093	604,407
71	55,597	10,431	45,166	618,334	60,216	558,118
72	52,936	9,142	43,794	562,737	49,784	512,953
73	50,203	7,983	42,220	509,801	40,642	469,159
74	47,417	6,869	40,548	459,598	32,659	426,939
75	44,596	5,873	38,723	412,181	25,791	386,390

Table A-2. Life and worklife expectancies for men by race, 1979-80

(Average years remaining)

Age x	White men				Black and other men			
	Life expectancy ¹	Expectation of active life by labor force status			Life expectancy ¹	Expectation of active life by labor force status		
		Total e_x^a	Currently active $a_{e_x^a}$	Currently inactive $i_{e_x^a}$		Total e_x^a	Currently active $a_{e_x^a}$	Currently inactive $i_{e_x^a}$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
16	56.1	39.8	40.6	39.1	51.4	33.6	34.3	33.2
17	55.2	39.4	40.0	38.4	50.4	33.2	33.9	32.7
18	54.3	38.8	39.4	37.8	49.5	32.8	33.5	32.2
19	53.3	38.2	38.8	37.1	48.6	32.4	33.0	31.7
20	52.4	37.5	38.1	36.4	47.6	31.9	32.4	31.1
21	51.5	36.9	37.4	35.6	46.8	31.3	31.8	30.4
22	50.6	36.1	36.6	34.9	45.9	30.7	31.1	29.7
23	49.7	35.4	35.8	34.1	45.0	30.0	30.4	29.0
24	48.8	34.6	35.0	33.2	44.1	29.3	29.7	28.3
25	47.9	33.8	34.2	32.4	43.3	28.6	28.9	27.5
26	47.0	32.9	33.3	31.5	42.4	27.9	28.2	26.6
27	46.1	32.1	32.4	30.6	41.5	27.1	27.4	25.8
28	45.2	31.2	31.6	29.7	40.7	26.4	26.6	25.0
29	44.2	30.3	30.7	28.7	39.8	25.6	25.8	24.1
30	43.3	29.5	29.8	27.7	39.0	24.8	25.0	23.2
31	42.4	28.6	28.9	26.7	38.1	24.0	24.2	22.3
32	41.4	27.7	28.0	25.7	37.2	23.2	23.4	21.3
33	40.5	26.8	27.1	24.7	36.4	22.3	22.7	20.3
34	39.6	25.9	26.2	23.7	35.5	21.5	21.9	19.3
35	38.6	25.0	25.3	22.7	34.7	20.7	21.1	18.2
36	37.7	24.1	24.4	21.7	33.8	19.9	20.4	17.1
37	36.8	23.2	23.5	20.7	33.0	19.1	19.6	16.0
38	35.9	22.3	22.6	19.6	32.2	18.4	18.9	15.0
39	34.9	21.4	21.7	18.6	31.3	17.6	18.1	14.2
40	34.0	20.5	20.9	17.5	30.5	16.8	17.4	13.4
41	33.1	19.6	20.0	16.4	29.7	16.0	16.7	12.6
42	32.2	18.7	19.1	15.4	28.9	15.3	16.0	11.9
43	31.3	17.8	18.3	14.3	28.1	14.5	15.2	11.1
44	30.4	16.9	17.4	13.2	27.3	13.8	14.5	10.4
45	29.5	16.1	16.6	12.1	26.5	13.1	13.8	9.7
46	28.6	15.2	15.8	11.2	25.8	12.4	13.1	8.9
47	27.8	14.4	14.9	10.3	25.0	11.6	12.4	8.1
48	26.9	13.5	14.1	9.4	24.3	10.9	11.7	7.3
49	26.1	12.7	13.4	8.6	23.5	10.2	11.0	6.5
50	25.2	11.9	12.6	7.8	22.8	9.5	10.4	5.7
51	24.4	11.1	11.8	7.1	22.1	8.8	9.7	4.9
52	23.6	10.3	11.1	6.3	21.5	8.1	9.1	4.3
53	22.8	9.5	10.3	5.6	20.8	7.4	8.4	3.7
54	22.0	8.7	9.6	5.0	20.2	6.8	7.8	3.2
55	21.3	8.0	8.9	4.4	19.5	6.1	7.2	2.8
56	20.5	7.2	8.2	3.8	18.9	5.5	6.6	2.5
57	19.7	6.5	7.5	3.3	18.3	4.9	6.0	2.2
58	19.0	5.8	6.9	2.9	17.7	4.3	5.6	1.9
59	18.3	5.2	6.3	2.5	17.1	3.7	5.1	1.8
60	17.6	4.5	5.8	2.2	16.5	3.3	4.7	1.6
61	16.8	4.0	5.4	2.0	15.9	2.9	4.4	1.5
62	16.2	3.5	5.0	1.8	15.4	2.5	4.1	1.4
63	15.6	3.1	4.7	1.5	14.9	2.2	3.8	1.3
64	14.9	2.7	4.4	1.3	14.3	2.0	3.6	1.2
65	14.3	2.3	4.2	1.2	13.8	1.8	3.5	1.1
66	13.7	2.1	4.0	1.0	13.3	1.6	3.4	1.0
67	13.1	1.8	3.8	.8	12.8	1.4	3.3	.9
68	12.5	1.6	3.6	.7	12.3	1.3	3.2	.7
69	11.9	1.4	3.5	.5	11.8	1.2	3.0	.6
70	11.4	1.2	3.3	.4	11.4	1.0	2.9	.4
71	10.9	1.1	3.1	.3	10.9	.9	2.7	.3
72	10.4	.9	2.9	.2	10.5	.7	2.6	.2
73	9.9	.8	2.6	.1	10.0	.6	2.3	.1
74	9.4	.7	2.3	.1	9.6	.5	1.8	.0
75	8.9	.6	1.8	.0	9.2	.3	1.3	.0

¹ Mortality rates used reflect racial differentials in survival.

Table A-3. Worklife expectancies for men by schooling completed, 1979-80

(Average years remaining)

Age x	Life expectancy ¹ *e _x	Expectation of active life by schooling completed and current labor force status								
		Less than high school			High school to 14 years			15 years or more of schooling		
		Total *e _x	Currently active a _{e_x}	Currently inactive i _{e_x}	Total *e _x	Currently active a _{e_x}	Currently inactive i _{e_x}	Total *e _x	Currently active a _{e_x}	Currently inactive i _{e_x}
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
16	55.5	34.8	35.6	34.0	-	-	-	-	-	-
17	54.6	34.3	35.0	33.4	-	-	-	-	-	-
18	53.7	33.8	34.5	32.8	38.9	39.5	37.9	-	-	-
19	52.8	33.2	33.9	32.1	38.3	38.8	37.2	-	-	-
20	51.8	32.6	33.3	31.5	37.6	38.1	36.5	39.5	40.2	38.5
21	50.9	32.0	32.6	30.8	36.9	37.3	35.7	38.9	39.6	37.8
22	50.0	31.4	32.0	30.0	36.1	36.6	34.9	38.3	38.9	37.1
23	49.1	30.7	31.2	29.3	35.4	35.8	34.1	37.6	38.2	36.4
24	48.2	30.0	30.5	28.4	34.6	34.9	33.3	36.9	37.4	35.6
25	47.3	29.2	29.8	27.6	33.8	34.1	32.4	36.1	36.6	34.8
26	46.4	28.5	29.0	26.8	32.9	33.2	31.5	35.3	35.8	34.0
27	45.5	27.7	28.2	26.0	32.1	32.4	30.6	34.5	34.9	33.1
28	44.6	26.9	27.5	25.1	31.2	31.5	29.6	33.6	34.0	32.2
29	43.7	26.2	26.7	24.1	30.3	30.6	28.7	32.8	33.2	31.3
30	42.8	25.4	25.9	23.0	29.4	29.7	27.7	31.9	32.3	30.4
31	41.9	24.6	25.2	22.1	28.5	28.9	26.7	31.0	31.4	29.5
32	40.9	23.8	24.4	21.1	27.7	28.0	25.7	30.1	30.5	28.6
33	40.0	23.0	23.6	20.3	26.8	27.1	24.7	29.2	29.6	27.7
34	39.1	22.2	22.8	19.4	25.9	26.2	23.6	28.3	28.7	26.8
35	38.2	21.3	22.0	18.5	25.0	25.4	22.6	27.4	27.7	25.9
36	37.3	20.5	21.2	17.5	24.1	24.5	21.6	26.5	26.8	24.9
37	36.3	19.7	20.4	16.6	23.2	23.6	20.5	25.6	25.9	23.9
38	35.4	18.9	19.6	15.8	22.3	22.8	19.4	24.6	25.0	22.9
39	34.5	18.1	18.9	14.9	21.5	21.9	18.4	23.7	24.1	21.9
40	33.6	17.3	18.1	14.0	20.6	21.0	17.3	22.8	23.2	20.9
41	32.7	16.5	17.3	13.1	19.7	20.2	16.3	21.9	22.3	19.8
42	31.8	15.7	16.6	12.2	18.8	19.3	15.4	21.0	21.4	18.8
43	30.9	15.0	15.8	11.3	18.0	18.5	14.5	20.1	20.5	17.6
44	30.1	14.2	15.1	10.3	17.1	17.6	13.5	19.2	19.7	16.5
45	29.2	13.4	14.3	9.5	16.3	16.8	12.6	18.4	18.8	15.5
46	28.3	12.6	13.6	8.7	15.4	16.0	11.7	17.5	17.9	14.5
47	27.5	11.9	12.9	7.9	14.6	15.1	10.9	16.6	17.1	13.5
48	26.6	11.1	12.1	7.1	13.7	14.3	10.1	15.8	16.3	12.5
49	25.8	10.4	11.4	6.4	12.9	13.5	9.3	14.9	15.4	11.5
50	25.0	9.6	10.7	5.7	12.1	12.8	8.5	14.1	14.6	10.5
51	24.2	8.8	10.1	5.1	11.3	12.0	7.7	13.3	13.8	9.6
52	23.4	8.2	9.4	4.5	10.5	11.2	6.9	12.4	13.0	8.7
53	22.6	7.5	8.7	4.0	9.7	10.5	6.1	11.6	12.2	7.9
54	21.8	6.8	8.1	3.6	9.0	9.7	5.3	10.8	11.5	7.0
55	21.1	6.2	7.5	3.2	8.2	9.0	4.7	10.0	10.7	6.2
56	20.3	5.5	6.8	2.8	7.5	8.3	4.0	9.2	10.0	5.4
57	19.6	4.9	6.3	2.5	6.7	7.6	3.5	8.5	9.3	4.7
58	18.9	4.4	5.8	2.2	6.0	7.0	3.0	7.7	8.6	4.0
59	18.2	3.8	5.3	2.0	5.3	6.4	2.6	7.0	8.0	3.5
60	17.5	3.3	4.9	1.8	4.7	5.9	2.3	6.3	7.4	3.1
61	16.8	2.9	4.5	1.6	4.1	5.5	2.0	5.6	7.0	2.7
62	16.1	2.6	4.2	1.4	3.6	5.1	1.8	5.0	6.5	2.4
63	15.5	2.2	3.9	1.3	3.2	4.8	1.6	4.5	6.1	2.2
64	14.9	2.0	3.7	1.1	2.8	4.5	1.4	4.0	5.7	1.9
65	14.2	1.8	3.6	1.0	2.4	4.3	1.2	3.6	5.4	1.7
66	13.6	1.6	3.4	.8	2.2	4.1	1.0	3.2	5.1	1.4
67	13.0	1.4	3.3	.7	1.9	3.9	.9	2.8	4.9	1.2
68	12.5	1.2	3.2	.6	1.7	3.7	.7	2.5	4.6	.9
69	11.9	1.1	3.1	.5	1.5	3.6	.6	2.2	4.4	.7
70	11.4	1.0	2.9	.4	1.3	3.4	.4	1.9	4.1	.5
71	10.9	.9	2.8	.3	1.1	3.2	.3	1.7	3.9	.3
72	10.4	.8	2.6	.2	1.0	3.0	.2	1.4	3.6	.2
73	9.9	.7	2.3	.1	.8	2.7	.1	1.2	3.2	.1
74	9.4	.6	2.0	.1	.7	2.3	.1	1.0	2.7	.0
75	9.0	.5	1.6	.0	.6	1.8	.0	.9	2.2	.0

¹ Mortality rates used are those of the general male population.

Table A-4. Working life table for women, 1979-80

Age x	Life expectancy e_x	Expectation of active and inactive life by current labor force status					
		Total population		Currently active in labor force		Currently inactive	
		Active years remaining $a_{e_x}^a$	Inactive years remaining $i_{e_x}^i$	Active years remaining $a_{e_x}^a$	Inactive years remaining $i_{e_x}^i$	Active years remaining $a_{e_x}^a$	Inactive years remaining $i_{e_x}^i$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
16	62.9	29.3	33.6	30.1	32.9	28.7	34.3
17	61.9	28.8	33.1	29.6	32.4	28.0	33.9
18	61.0	28.3	32.7	29.0	31.9	27.4	33.5
19	60.0	27.7	32.3	28.5	31.5	26.8	33.2
20	59.1	27.2	31.9	27.9	31.2	26.1	32.9
21	58.1	26.6	31.5	27.3	30.8	25.4	32.7
22	57.1	25.9	31.2	26.6	30.5	24.7	32.4
23	56.2	25.3	30.9	26.0	30.1	24.0	32.2
24	55.2	24.6	30.6	25.4	29.8	23.3	31.9
25	54.2	24.0	30.2	24.8	29.4	22.6	31.7
26	53.3	23.3	29.9	24.2	29.1	21.9	31.4
27	52.3	22.7	29.6	23.6	28.7	21.2	31.1
28	51.3	22.0	29.3	22.9	28.4	20.5	30.8
29	50.4	21.4	29.0	22.3	28.0	19.8	30.5
30	49.4	20.8	28.6	21.7	27.7	19.1	30.3
31	48.4	20.1	28.3	21.1	27.3	18.5	30.0
32	47.5	19.5	28.0	20.5	27.0	17.8	29.7
33	46.5	18.9	27.7	19.9	26.6	17.1	29.4
34	45.6	18.2	27.3	19.3	26.3	16.4	29.1
35	44.6	17.6	27.0	18.6	26.0	15.7	28.9
36	43.6	17.0	26.7	18.0	25.6	15.0	28.6
37	42.7	16.3	26.4	17.4	25.3	14.3	28.4
38	41.7	15.7	26.1	16.8	25.0	13.6	28.2
39	40.8	15.0	25.8	16.1	24.7	12.8	28.0
40	39.9	14.3	25.5	15.5	24.4	12.1	27.8
41	38.9	13.7	25.2	14.9	24.0	11.3	27.6
42	38.0	13.0	25.0	14.3	23.7	10.6	27.4
43	37.1	12.4	24.7	13.7	23.4	9.8	27.2
44	36.2	11.7	24.4	13.1	23.1	9.1	27.0
45	35.2	11.1	24.2	12.5	22.7	8.4	26.8
46	34.3	10.4	23.9	11.9	22.4	7.7	26.6
47	33.4	9.8	23.6	11.4	22.1	7.1	26.3
48	32.5	9.2	23.3	10.8	21.7	6.5	26.0
49	31.6	8.6	23.0	10.3	21.4	5.9	25.8
50	30.8	8.0	22.8	9.8	21.0	5.3	25.5
51	29.9	7.4	22.5	9.2	20.6	4.8	25.1
52	29.0	6.9	22.2	8.7	20.3	4.2	24.8
53	28.2	6.3	21.9	8.2	19.9	3.7	24.4
54	27.3	5.8	21.6	7.7	19.6	3.3	24.0
55	26.5	5.2	21.2	7.2	19.3	2.9	23.6
56	25.6	4.7	20.9	6.7	18.9	2.5	23.1
57	24.8	4.3	20.6	6.3	18.5	2.2	22.6
58	24.0	3.8	20.2	5.8	18.2	1.9	22.1
59	23.2	3.4	19.8	5.4	17.8	1.7	21.5
60	22.4	3.0	19.4	5.0	17.4	1.5	20.9
61	21.6	2.6	19.0	4.7	16.9	1.3	20.3
62	20.8	2.3	18.5	4.4	16.4	1.1	19.7
63	20.1	2.0	18.0	4.2	15.9	1.0	19.1
64	19.3	1.8	17.5	4.0	15.3	.9	18.4
65	18.5	1.5	17.0	3.8	14.8	.7	17.8
66	17.8	1.3	16.5	3.6	14.2	.6	17.2
67	17.1	1.2	15.9	3.4	13.7	.5	16.5
68	16.4	1.0	15.3	3.3	13.1	.4	15.9
69	15.6	.9	14.7	3.1	12.5	.4	15.3
70	14.9	.8	14.2	3.0	12.0	.3	14.7
71	14.3	.7	13.6	2.8	11.5	.2	14.1
72	13.6	.6	13.0	2.5	11.1	.1	13.5
73	13.0	.5	12.5	2.3	10.7	.1	12.9
74	12.3	.4	11.9	1.9	10.4	.0	12.3
75	11.7	.3	11.4	1.3	10.4	.0	11.7

Table A-4. Working life table for women, 1979-80—Continued

Age x	Probability of transition between specified states during age interval x to x+1					Age-specific rates of transfer per 1,000 persons in initial status during age interval x to x+1		
	Living to dead ¹ $\cdot p_x^d$	Inactive to inactive $\cdot p_x^i$	Inactive to active $\cdot p_x^a$	Active to inactive $\cdot a_p_x^i$	Active to active $\cdot a_p_x^a$	Mortality $\cdot m_x^d$	Labor force accession $\cdot m_x^a$	Voluntary labor force separation $\cdot a_m_x^i$
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
16	.000049	.61018	.38933	.28459	.71491	.000050	.58755	.42949
17	.000055	.65845	.34099	.26841	.73104	.000056	.49076	.38629
18	.000059	.64144	.35797	.23074	.76867	.000059	.50766	.32722
19	.000060	.63368	.36572	.20738	.79202	.000060	.51297	.29088
20	.000061	.63680	.36259	.18972	.80967	.000061	.50129	.26230
21	.000061	.64831	.35107	.17552	.82387	.000062	.47689	.23842
22	.000063	.66119	.33818	.16608	.83330	.000063	.45252	.22223
23	.000063	.67430	.32506	.16070	.83866	.000064	.42966	.21241
24	.000065	.68760	.31175	.15478	.84458	.000065	.40690	.20202
25	.000065	.70299	.29636	.15125	.84810	.000065	.38210	.19501
26	.000066	.72078	.27856	.14873	.85061	.000066	.35450	.18928
27	.000067	.73299	.26634	.14524	.85408	.000068	.33561	.18302
28	.000069	.74023	.25907	.14177	.85754	.000070	.32427	.17744
29	.000071	.74635	.25293	.13723	.86205	.000072	.31449	.17063
30	.000074	.75314	.24612	.13210	.86716	.000074	.30377	.16304
31	.000078	.75892	.24030	.12835	.87087	.000078	.29485	.15749
32	.000082	.76180	.23738	.12580	.87358	.000083	.29028	.15359
33	.000088	.76361	.23551	.12275	.87637	.000089	.28718	.14968
34	.000096	.76461	.23443	.11881	.88023	.000096	.28503	.14445
35	.00104	.76619	.23277	.11391	.88505	.00104	.28190	.13795
36	.00113	.76868	.23018	.10946	.88941	.00114	.27761	.13201
37	.00124	.77131	.22745	.10516	.89360	.00124	.27320	.12631
38	.00136	.77671	.22193	.10185	.89679	.00136	.26519	.12170
39	.00150	.78183	.21668	.09963	.89887	.00150	.25781	.11855
40	.00164	.78829	.21006	.09588	.90248	.00165	.24844	.11339
41	.00181	.79888	.19931	.09400	.90419	.00181	.23403	.11037
42	.00199	.80930	.18870	.09349	.90452	.00200	.22018	.10908
43	.00219	.81786	.17995	.09227	.90554	.00219	.20879	.10706
44	.00241	.82627	.17133	.09170	.90589	.00241	.19779	.10587
45	.00264	.83618	.16118	.09184	.90552	.00264	.18505	.10544
46	.00289	.84626	.15085	.09282	.90429	.00289	.17231	.10603
47	.00317	.85365	.14318	.09341	.90342	.00318	.16294	.10630
48	.00348	.85986	.13666	.09416	.90236	.00349	.15506	.10684
49	.00383	.86586	.13031	.09540	.90077	.00383	.14749	.10798
50	.00420	.87081	.12499	.09559	.90021	.00421	.14111	.10793
51	.00460	.87724	.11816	.09571	.89969	.00461	.13296	.10769
52	.00500	.88611	.10889	.09721	.89778	.00502	.12204	.10896
53	.00541	.89298	.10161	.09886	.89574	.00542	.11358	.11050
54	.00582	.89906	.09512	.10214	.89204	.00584	.10618	.11402
55	.00626	.90683	.08691	.10767	.88607	.00628	.09692	.12006
56	.00675	.91411	.07914	.11771	.87554	.00677	.08841	.13150
57	.00732	.92034	.07235	.13001	.86268	.00734	.08112	.14577
58	.00798	.92604	.06598	.13999	.85203	.00801	.07417	.15739
59	.00873	.93092	.06034	.15487	.83639	.00877	.06825	.17517
60	.00957	.93455	.05588	.17659	.81384	.00962	.06387	.20187
61	.01045	.93696	.05259	.19807	.79148	.01050	.06080	.22900
62	.01135	.94034	.04831	.21678	.77187	.01141	.05638	.25298
63	.01224	.94323	.04452	.23010	.75765	.01232	.05230	.27029
64	.01316	.94441	.04243	.24102	.74582	.01325	.05015	.26486
65	.01414	.94589	.03997	.25100	.73486	.01424	.04750	.29829
66	.01524	.94766	.03710	.26416	.72059	.01536	.04441	.31624
67	.01653	.94926	.03421	.27815	.70532	.01667	.04128	.33566
68	.01807	.94989	.03205	.28106	.70088	.01823	.03876	.33990
69	.01983	.94944	.03073	.28043	.69974	.02003	.03719	.33941
70	.02178	.94908	.02915	.28233	.69590	.02201	.03536	.34250
71	.02388	.94821	.02791	.29093	.68520	.02416	.03409	.35533
72	.02614	.94677	.02709	.29783	.67604	.02648	.03330	.36601
73	.02857	.94515	.02629	.29908	.67235	.02898	.03240	.36866
74	.03121	.94350	.02530	.29590	.67289	.03170	.03120	.36488
75	.03411	.94430	.02157	.34984	.61603	.03470	.02752	.44644

¹ Mortality rates used are those of the general female population.

Table A-4. Working life table for women, 1979-80—Continued

Age x	Stationary population living in each status at exact age x, per 100,000 persons born			Number of status transfers within stationary population during age interval x to x+1					
	Labor force status			Labor force entries i_x^a	Voluntary labor force exits $a_i_x^d$	Deaths by labor force status			
	Total i_x	Active a_x	Inactive i_x			Total i_x^d	Active a_x^d	Inactive i_x^d	
(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)		
16	98,357	42,096	56,261	30,133	20,207	49	23	25	
17	98,308	51,999	46,309	22,270	20,435	55	29	25	
18	98,253	53,804	44,449	21,671	18,173	58	33	25	
19	98,196	57,270	40,926	20,195	17,103	59	35	24	
20	98,137	60,326	37,811	18,381	16,116	59	37	22	
21	98,078	62,555	35,523	16,580	15,087	60	39	21	
22	98,017	64,007	34,010	15,188	14,317	61	40	21	
23	97,956	64,839	33,117	14,150	13,805	62	41	21	
24	97,894	65,143	32,751	13,296	13,169	63	42	21	
25	97,831	65,229	32,602	12,492	12,696	64	42	21	
26	97,767	64,982	32,785	11,713	12,245	65	43	22	
27	97,702	64,407	33,295	11,252	11,739	66	43	23	
28	97,636	63,876	33,760	10,994	11,303	68	44	24	
29	97,568	63,522	34,046	10,720	10,826	70	45	24	
30	97,499	63,371	34,128	10,359	10,331	72	47	25	
31	97,427	63,353	34,074	10,035	9,978	76	49	27	
32	97,351	63,360	33,891	9,847	9,736	80	52	28	
33	97,271	63,419	33,852	9,690	9,502	86	56	30	
34	97,184	63,550	33,634	9,534	9,200	93	61	32	
35	97,091	63,823	33,268	9,307	8,833	101	67	34	
36	96,990	64,231	32,759	9,018	8,508	110	73	37	
37	96,880	64,668	32,212	8,723	8,197	120	81	40	
38	96,760	65,114	31,646	8,335	7,943	132	89	43	
39	96,628	65,416	31,212	8,009	7,764	144	98	46	
40	96,484	65,564	30,920	7,650	7,440	159	108	51	
41	96,325	65,665	30,660	7,176	7,238	174	119	56	
42	96,151	65,485	30,666	6,782	7,118	192	130	62	
43	95,959	65,019	30,940	6,498	6,930	210	142	68	
44	95,749	64,445	31,304	6,238	6,785	230	154	76	
45	95,519	63,743	31,776	5,940	6,673	252	167	85	
46	95,266	62,842	32,424	5,660	6,603	275	180	95	
47	94,991	61,719	33,272	5,494	6,497	301	194	107	
48	94,690	60,522	34,168	5,369	6,400	330	209	121	
49	94,360	59,282	35,078	5,244	6,330	361	225	136	
50	93,999	57,971	36,028	5,147	6,187	395	241	154	
51	93,604	56,688	36,916	4,968	6,033	431	258	172	
52	93,174	55,365	37,809	4,680	5,948	466	274	192	
53	92,708	53,823	38,885	4,482	5,856	501	287	214	
54	92,207	52,162	40,045	4,320	5,843	537	299	237	
55	91,670	50,340	41,330	4,082	5,915	574	309	264	
56	91,096	48,197	42,899	3,881	6,167	615	318	297	
57	90,481	45,593	44,888	3,737	6,426	662	324	338	
58	89,819	42,580	47,299	3,595	6,451	717	328	388	
59	89,102	39,395	49,707	3,484	6,599	778	331	448	
60	88,325	35,950	52,375	3,439	6,877	845	328	518	
61	87,479	32,184	55,295	3,450	6,935	914	318	596	
62	86,565	28,381	58,184	3,356	6,716	983	303	679	
63	85,582	24,717	60,865	3,242	6,237	1,048	284	764	
64	84,534	21,437	63,097	3,206	5,712	1,112	266	847	
65	83,422	18,666	64,756	3,104	5,216	1,180	249	931	
66	82,242	16,305	65,937	2,948	4,823	1,254	234	1,020	
67	80,988	14,195	66,793	2,769	4,446	1,339	221	1,118	
68	79,650	12,297	67,353	2,612	3,922	1,439	210	1,229	
69	78,211	10,777	67,434	2,501	3,460	1,551	204	1,347	
70	76,660	9,614	67,046	2,358	3,127	1,669	201	1,468	
71	74,991	8,644	66,347	2,246	2,917	1,790	198	1,592	
72	73,201	7,775	65,426	2,159	2,709	1,913	196	1,717	
73	71,287	7,029	64,258	2,059	2,478	2,036	195	1,842	
74	69,251	6,415	62,836	1,935	2,248	2,161	195	1,966	
75	67,090	5,906	61,184	1,665	2,425	2,288	189	2,100	

Table A-4. Working life table for women, 1979-80—Continued

Age x	Person years lived in each status during age x			Person years lived in each status beyond exact age x		
	Total $\cdot L_x^a$	Active $\cdot L_x^a$	Inactive $\cdot L_x^a$	Total $\cdot T_x^a$	Active $\cdot T_x^a$	Inactive $\cdot T_x^a$
	(24)	(25)	(26)	(27)	(28)	(29)
16	98,333	47,048	51,285	6,188,267	2,660,000	3,308,267
17	98,281	52,902	45,379	6,089,934	2,832,952	3,256,982
18	98,225	55,537	42,688	5,991,653	2,780,050	3,211,603
19	98,166	58,798	39,368	5,893,428	2,724,513	3,168,915
20	98,107	61,440	36,667	5,795,262	2,665,715	3,129,547
21	98,047	63,281	34,766	5,697,155	2,604,275	3,092,880
22	97,986	64,423	33,563	5,599,108	2,540,994	3,058,114
23	97,925	64,991	32,934	5,501,122	2,476,572	3,024,550
24	97,862	65,185	32,677	5,403,197	2,411,581	2,991,616
25	97,799	65,105	32,694	5,305,335	2,346,395	2,958,940
26	97,735	64,695	33,040	5,207,536	2,281,290	2,926,246
27	97,669	64,141	33,528	5,109,801	2,216,595	2,893,206
28	97,603	63,700	33,903	5,012,132	2,152,454	2,859,678
29	97,534	63,447	34,087	4,914,529	2,088,754	2,825,775
30	97,463	63,362	34,101	4,816,995	2,025,307	2,791,688
31	97,389	63,356	34,033	4,719,532	1,961,945	2,757,587
32	97,311	63,389	33,922	4,622,143	1,898,588	2,723,555
33	97,227	63,484	33,743	4,524,832	1,835,199	2,689,633
34	97,138	63,687	33,451	4,427,605	1,771,715	2,655,890
35	97,041	64,027	33,014	4,330,467	1,708,028	2,622,439
36	96,935	64,449	32,486	4,233,426	1,644,001	2,589,425
37	96,820	64,891	31,929	4,136,491	1,579,552	2,556,939
38	96,694	65,265	31,429	4,039,671	1,514,661	2,525,010
39	96,556	65,490	31,066	3,942,977	1,449,396	2,493,581
40	96,404	65,614	30,790	3,846,421	1,383,906	2,462,515
41	96,238	65,575	30,663	3,750,017	1,318,291	2,431,726
42	96,055	65,252	30,803	3,653,779	1,252,716	2,401,063
43	95,854	64,732	31,122	3,557,724	1,187,465	2,370,259
44	95,634	64,084	31,540	3,461,870	1,122,733	2,339,137
45	95,392	63,293	32,099	3,366,236	1,058,638	2,307,598
46	95,129	62,281	32,848	3,270,844	995,346	2,275,498
47	94,840	61,120	33,720	3,175,715	933,065	2,242,650
48	94,525	59,902	34,623	3,080,875	871,945	2,208,930
49	94,180	58,627	35,553	2,986,350	812,043	2,174,307
50	93,802	57,330	36,472	2,892,170	753,416	2,138,754
51	93,389	56,027	37,362	2,798,368	696,086	2,102,282
52	92,941	54,594	38,347	2,704,979	640,060	2,064,919
53	92,457	52,992	39,465	2,612,038	585,466	2,026,572
54	91,938	51,251	40,687	2,519,581	532,474	1,987,107
55	91,383	49,268	42,115	2,427,643	481,223	1,946,420
56	90,789	46,895	43,894	2,336,260	431,955	1,904,305
57	90,150	44,086	46,064	2,245,471	385,060	1,860,411
58	89,461	40,988	48,473	2,155,321	340,973	1,814,348
59	88,713	37,672	51,041	2,065,860	299,986	1,765,874
60	87,902	34,067	53,835	1,977,147	262,313	1,714,834
61	87,022	30,282	56,740	1,889,245	228,246	1,660,999
62	86,074	26,549	59,525	1,802,223	197,964	1,604,259
63	85,058	23,077	61,981	1,716,149	171,415	1,544,734
64	83,978	20,051	63,927	1,631,091	148,338	1,482,753
65	82,832	17,485	65,347	1,547,113	128,286	1,418,827
66	81,615	15,250	66,365	1,464,281	110,801	1,353,480
67	80,319	13,246	67,073	1,382,666	95,551	1,287,115
68	78,930	11,537	67,393	1,302,347	82,305	1,220,042
69	77,435	10,196	67,239	1,223,417	70,767	1,152,650
70	75,825	9,129	66,696	1,145,982	60,572	1,085,410
71	74,096	8,210	65,886	1,070,157	51,443	1,018,714
72	72,244	7,402	64,842	996,061	43,233	952,828
73	70,269	6,722	63,547	923,817	35,831	887,986
74	68,170	6,161	62,009	853,548	29,109	824,439
75	65,946	5,432	60,514	785,378	22,948	762,430

Table A-5. Life and worklife expectancies for women by race, 1979-80

(Average years remaining)

Age x	White women				Black and other women			
	Life expectancy ¹	Expectation of active life by labor force status			Life expectancy ¹	Expectation of active life by labor force status		
		Total	Currently active	Currently inactive		Total	Currently active	Currently inactive
x	"e" _x	"e" _x ^a	a _e _x ^a	i _e _x ^a	"e" _x	"e" _x ^a	a _e _x ^a	i _e _x ^a
16	63.4	29.6	30.3	28.9	59.7	27.8	28.6	27.3
17	62.5	29.1	29.8	28.2	58.7	27.5	28.4	26.9
18	61.5	28.5	29.2	27.6	57.7	27.1	28.0	26.5
19	60.5	27.9	28.6	27.0	56.8	26.7	27.6	26.1
20	59.6	27.3	28.0	26.3	55.8	26.3	27.1	25.5
21	58.6	26.7	27.4	25.5	54.8	25.8	26.6	25.0
22	57.6	26.0	26.7	24.8	53.9	25.3	26.1	24.3
23	56.7	25.4	26.1	24.1	52.9	24.7	25.5	23.7
24	55.7	24.7	25.5	23.3	52.0	24.2	24.9	23.0
25	54.7	24.1	24.9	22.6	51.0	23.5	24.3	22.3
26	53.8	23.4	24.2	21.9	50.1	22.9	23.7	21.6
27	52.8	22.8	23.6	21.2	49.2	22.3	23.1	20.9
28	51.8	22.1	23.0	20.6	48.2	21.6	22.5	20.2
29	50.9	21.5	22.4	19.9	47.3	21.0	21.8	19.4
30	49.9	20.8	21.8	19.2	46.3	20.3	21.2	18.7
31	48.9	20.2	21.2	18.6	45.4	19.7	20.5	17.9
32	48.0	19.6	20.6	17.9	44.5	19.0	19.9	17.2
33	47.0	19.0	20.0	17.2	43.5	18.3	19.3	16.5
34	46.0	18.3	19.4	16.6	42.6	17.7	18.6	15.7
35	45.1	17.7	18.7	15.9	41.7	17.0	18.0	15.0
36	44.1	17.0	18.1	15.2	40.7	16.3	17.4	14.2
37	43.1	16.4	17.5	14.4	39.8	15.7	16.8	13.5
38	42.2	15.8	16.9	13.7	38.9	15.0	16.2	12.8
39	41.2	15.1	16.2	12.9	38.0	14.4	15.6	12.1
40	40.3	14.4	15.6	12.2	37.1	13.8	15.0	11.4
41	39.3	13.8	15.0	11.4	36.2	13.1	14.5	10.7
42	38.4	13.1	14.3	10.6	35.3	12.5	13.9	10.1
43	37.5	12.4	13.7	9.9	34.5	11.9	13.4	9.5
44	36.5	11.8	13.1	9.2	33.6	11.3	12.6	8.9
45	35.6	11.1	12.5	8.4	32.7	10.8	12.3	8.3
46	34.7	10.5	12.0	7.8	31.9	10.2	11.7	7.7
47	33.8	9.9	11.4	7.1	31.1	9.6	11.2	7.1
48	32.9	9.2	10.9	6.5	30.2	9.0	10.6	6.6
49	32.0	8.6	10.3	5.9	29.4	8.5	10.1	6.0
50	31.1	8.0	9.8	5.3	28.6	7.9	9.5	5.5
51	30.2	7.4	9.3	4.7	27.8	7.4	9.0	4.9
52	29.3	6.9	8.8	4.2	27.0	6.8	8.5	4.4
53	28.4	6.3	8.3	3.7	26.2	6.3	8.0	3.9
54	27.6	5.8	7.8	3.3	25.5	5.7	7.5	3.5
55	26.7	5.3	7.3	2.9	24.7	5.2	7.0	3.0
56	25.9	4.7	6.8	2.5	23.9	4.7	6.5	2.7
57	25.0	4.3	6.3	2.2	23.2	4.2	6.1	2.3
58	24.2	3.8	5.9	1.9	22.4	3.8	5.6	2.0
59	23.4	3.4	5.4	1.7	21.7	3.4	5.2	1.8
60	22.6	3.0	5.1	1.5	21.0	3.0	4.8	1.5
61	21.8	2.6	4.7	1.3	20.3	2.6	4.5	1.3
62	21.0	2.3	4.4	1.2	19.6	2.3	4.2	1.1
63	20.2	2.0	4.2	1.0	19.0	2.0	3.9	1.0
64	19.4	1.8	4.0	.9	18.3	1.7	3.7	.8
65	18.7	1.5	3.8	.8	17.7	1.5	3.4	.7
66	17.9	1.4	3.6	.6	17.0	1.3	3.2	.6
67	17.2	1.2	3.5	.5	16.4	1.1	3.0	.5
68	16.4	1.0	3.3	.5	15.7	.9	2.9	.4
69	15.7	.9	3.2	.4	15.1	.8	2.8	.3
70	15.0	.8	3.0	.3	14.5	.7	2.7	.2
71	14.3	.7	2.8	.2	13.9	.6	2.6	.2
72	13.6	.6	2.6	.2	13.4	.5	2.6	.1
73	13.0	.5	2.3	.1	12.9	.5	2.3	.1
74	12.3	.4	1.9	.0	12.3	.4	1.9	.0
75	11.7	.3	1.3	.0	11.8	.4	1.4	.0

¹ Mortality rates used reflect racial differentials in survival.

Table A-6. Worklife expectancies for women by schooling completed, 1979-80

(Average years remaining)

Age x	Life expectancy ¹	Expectation of active life by schooling completed and current labor force status									
		Less than high school			High school to 14 years			15 years or more of schooling			
		Total	Currently active	Currently inactive	Total	Currently active	Currently inactive	Total	Currently active	Currently inactive	
x	*e _x	*e _x	a _{e_x}	i _{e_x}	*e _x	a _{e_x}	i _{e_x}	*e _x	a _{e_x}	i _{e_x}	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
16	62.9	22.1	22.8	21.5	-	-	-	-	-	-	
17	61.9	21.6	22.3	20.9	-	-	-	-	-	-	
18	61.0	21.1	21.9	20.4	28.9	29.6	27.9	-	-	-	
19	60.0	20.7	21.5	19.9	28.3	29.0	27.3	-	-	-	
20	59.1	20.2	21.1	19.4	27.7	28.4	26.5	31.6	32.2	30.3	
21	58.1	19.7	20.6	18.9	27.0	27.8	25.8	30.9	31.4	29.6	
22	57.1	19.3	20.2	18.4	26.4	27.2	25.1	30.1	30.7	28.9	
23	56.2	18.8	19.8	17.9	25.7	26.5	24.4	29.4	30.0	28.1	
24	55.2	18.4	19.4	17.4	25.1	25.9	23.7	28.7	29.3	27.3	
25	54.2	17.9	18.9	17.0	24.4	25.3	23.0	27.9	28.6	26.4	
26	53.3	17.4	18.5	16.5	23.8	24.7	22.3	27.2	27.9	25.6	
27	52.3	17.0	18.1	16.0	23.2	24.1	21.6	26.5	27.2	24.8	
28	51.3	16.5	17.7	15.5	22.5	23.5	21.0	25.7	26.5	24.0	
29	50.4	16.1	17.2	15.0	21.9	22.9	20.3	25.0	25.9	23.2	
30	49.4	15.6	16.8	14.5	21.3	22.3	19.6	24.3	25.2	22.4	
31	48.4	15.1	16.4	14.0	20.6	21.7	19.0	23.6	24.5	21.7	
32	47.5	14.7	16.0	13.4	20.0	21.1	18.3	22.9	23.8	20.9	
33	46.5	14.2	15.6	12.9	19.4	20.4	17.6	22.2	23.1	20.2	
34	45.6	13.7	15.2	12.4	18.8	19.8	17.0	21.5	22.4	19.5	
35	44.6	13.3	14.8	11.9	18.1	19.2	16.3	20.8	21.7	18.8	
36	43.6	12.8	14.4	11.3	17.5	18.6	15.6	20.1	21.0	18.0	
37	42.7	12.3	14.0	10.7	16.8	17.9	14.9	19.3	20.2	17.2	
38	41.7	11.8	13.5	10.2	16.2	17.3	14.1	18.6	19.5	16.4	
39	40.8	11.4	13.1	9.7	15.5	16.7	13.4	17.9	18.7	15.5	
40	39.9	10.9	12.7	9.1	14.9	16.0	12.6	17.1	18.0	14.7	
41	38.9	10.4	12.3	8.6	14.2	15.4	11.8	16.4	17.3	13.8	
42	38.0	9.9	11.8	8.1	13.5	14.8	11.1	15.6	16.5	12.9	
43	37.1	9.5	11.4	7.6	12.9	14.2	10.3	14.8	15.8	12.0	
44	36.2	9.0	11.0	7.1	12.2	13.6	9.6	14.1	15.1	11.1	
45	35.2	8.5	10.5	6.6	11.6	13.0	8.9	13.8	14.4	10.1	
46	34.3	8.1	10.0	6.1	10.9	12.4	8.2	12.6	13.7	9.3	
47	33.4	7.6	9.6	5.6	10.3	11.9	7.5	11.8	13.0	8.5	
48	32.5	7.1	9.1	5.2	9.7	11.4	6.9	11.1	12.3	7.8	
49	31.6	6.7	8.7	4.7	9.1	10.8	6.3	10.4	11.6	7.1	
50	30.8	6.2	8.3	4.2	8.5	10.3	5.7	9.7	10.9	6.4	
51	29.9	5.7	7.9	3.8	7.9	9.8	5.1	8.9	10.2	5.7	
52	29.0	5.3	7.5	3.4	7.3	9.3	4.6	8.2	9.6	5.0	
53	28.2	4.9	7.1	3.0	6.8	8.8	4.1	7.6	9.0	4.4	
54	27.3	4.4	6.7	2.7	6.2	8.3	3.6	6.9	8.3	3.9	
55	26.5	4.0	6.3	2.4	5.7	7.7	3.2	6.2	7.8	3.4	
56	25.6	3.6	5.9	2.1	5.2	7.2	2.8	5.6	7.2	2.9	
57	24.8	3.3	5.5	1.8	4.7	6.7	2.5	5.0	6.7	2.4	
58	24.0	2.9	5.2	1.6	4.2	6.3	2.2	4.5	6.3	2.1	
59	23.2	2.6	4.9	1.4	3.8	5.8	1.9	3.9	5.8	1.8	
60	22.4	2.3	4.6	1.3	3.3	5.4	1.7	3.5	5.4	1.6	
61	21.6	2.1	4.3	1.1	2.9	5.0	1.5	3.0	5.1	1.4	
62	20.8	1.8	4.1	1.0	2.6	4.7	1.3	2.6	4.8	1.2	
63	20.1	1.6	3.9	.9	2.3	4.4	1.1	2.9	4.6	1.0	
64	19.3	1.4	3.7	.8	2.0	4.2	1.0	2.0	4.3	.9	
65	18.5	1.2	3.5	.6	1.8	4.0	.9	1.8	4.1	.8	
66	17.8	1.1	3.3	.6	1.6	3.8	.7	1.6	4.0	.7	
67	17.1	1.0	3.1	.5	1.4	3.7	.6	1.4	3.8	.6	
68	16.4	.8	3.0	.4	1.2	3.5	.5	1.2	3.7	.5	
69	15.6	.7	2.9	.3	1.1	3.4	.4	1.1	3.6	.4	
70	14.9	.6	2.7	.2	1.0	3.2	.3	1.0	3.5	.3	
71	14.3	.5	2.5	.2	.9	3.0	.3	.9	3.3	.3	
72	13.6	.5	2.3	.1	.7	2.8	.2	.8	3.0	.2	
73	13.0	.4	2.0	.1	.7	2.5	.1	.7	2.7	.1	
74	12.3	.3	1.7	.0	.6	2.1	.1	.6	2.3	.1	
75	11.7	.2	1.2	.0	.5	1.5	.0	.5	1.6	.0	

¹ Mortality rates used are those of the general female population.

Table B-1. Labor force accession rates by sex, age, race, and schooling completed, 1979-80

(Annual rate per 1,000 population)

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
Men						
16-19	229.4	223.1	277.7	209.8	-	-
20-24	127.8	120.7	176.0	131.6	112.3	165.1
25-29	60.9	57.1	89.3	82.8	53.0	71.3
30-34	34.4	32.0	54.8	49.6	34.6	32.8
35-39	24.9	23.8	36.0	40.8	25.2	19.9
40-44	21.6	20.4	30.9	37.7	19.6	17.4
45-49	21.2	19.3	36.3	30.7	20.7	17.7
50-54	23.5	23.1	27.6	28.8	26.0	18.6
55-59	29.2	29.8	24.7	34.3	29.5	24.2
60-64	44.5	44.9	39.1	50.9	43.9	36.2
65-69	54.8	54.1	60.8	54.8	55.9	55.4
70-74	42.9	42.6	45.1	44.7	40.9	38.6
75+	3.6	3.8	.9	4.4	3.3	1.1
Women						
16-19	239.9	238.5	254.0	222.3	-	-
20-24	158.4	152.0	198.3	168.5	153.6	141.9
25-29	117.1	114.8	131.6	141.9	120.2	108.4
30-34	101.7	102.4	98.0	119.8	106.4	88.2
35-39	89.6	91.4	77.9	94.2	94.1	80.7
40-44	71.5	71.9	67.3	75.9	74.7	61.4
45-49	58.4	57.9	62.7	69.2	60.3	45.4
50-54	50.8	49.9	58.2	55.4	52.2	42.9
55-59	41.7	40.7	50.1	43.1	42.1	40.7
60-64	38.8	38.1	45.6	37.0	42.4	35.3
65-69	34.7	34.0	41.2	32.5	38.9	31.5
70-74	29.8	30.3	24.7	27.1	34.3	31.9
75+	3.0	3.1	2.1	2.5	3.8	3.5

Table B-2. Total labor force separation rates by sex, age, race, and schooling completed, 1979-80

(Annual rate per 1,000 population)

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
16-19	170.8	168.3	202.5	162.5	-	-
20-24	97.6	92.3	135.7	106.8	90.8	129.4
25-29	51.6	48.3	77.4	75.1	47.1	54.8
30-34	34.4	31.5	58.1	49.7	36.5	29.6
35-39	26.2	26.2	45.9	44.5	28.1	21.3
40-44	28.6	26.8	42.3	43.1	25.4	24.2
45-49	32.9	31.1	46.8	41.4	31.9	26.8
50-54	43.1	41.9	53.5	53.1	42.5	33.8
55-59	75.0	74.1	85.3	84.6	72.8	61.3
60-64	115.8	116.4	106.4	110.7	120.0	104.7
65-69	91.8	93.0	79.0	80.8	94.3	103.6
70-74	66.9	67.1	64.9	60.8	68.2	79.0
75+	78.8	82.5	48.3	68.1	85.8	120.4
Women						
16-19	193.5	193.7	198.5	208.3	-	-
20-24	148.4	146.1	165.5	170.7	151.5	143.2
25-29	120.9	120.8	123.3	141.5	124.5	114.0
30-34	100.7	101.4	97.6	118.4	104.1	87.9
35-39	88.0	86.2	85.6	93.3	89.4	71.7
40-44	75.3	74.9	77.2	77.0	78.4	61.5
45-49	70.6	70.6	70.0	71.7	73.9	54.4
50-54	67.2	66.6	72.2	70.3	65.9	62.6
55-59	73.6	72.6	83.0	69.9	71.2	82.5
60-64	79.0	77.9	88.2	84.8	84.3	86.7
65-69	57.3	55.9	70.0	48.8	62.9	58.5
70-74	40.1	40.0	37.9	36.7	44.8	37.8
75+	41.3	41.2	44.7	29.8	56.9	59.9

Table B-3. Voluntary labor force separation rates by sex, age, race, and schooling completed, 1979-80

(Annual rate per 1,000 population)

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
Men						
16-19	169.8	167.3	201.8	161.6	-	-
20-24	96.0	90.7	133.7	105.3	89.1	127.8
25-29	49.8	46.7	74.5	73.5	45.3	52.8
30-34	32.6	30.0	54.6	48.0	34.7	27.8
35-39	25.9	24.2	41.3	42.4	25.8	18.9
40-44	25.2	23.9	36.2	40.0	22.0	20.6
45-49	27.6	26.2	38.0	36.6	26.6	21.3
50-54	34.9	34.3	40.7	45.8	34.1	25.0
55-59	64.1	63.7	70.6	75.5	61.4	48.9
60-64	104.9	105.5	97.0	102.4	108.2	90.3
65-69	82.8	84.0	70.7	74.2	84.7	89.6
70-74	58.1	58.4	55.3	53.9	58.9	64.7
75+	72.5	75.9	44.5	62.7	78.9	110.8
Women						
16-19	193.2	193.4	198.3	208.1	-	-
20-24	148.0	145.7	164.9	170.4	151.1	142.7
25-29	120.4	120.4	122.5	141.2	124.1	113.5
30-34	100.2	101.0	96.6	118.0	103.5	87.3
35-39	85.2	85.4	84.0	92.7	88.6	70.8
40-44	74.0	73.7	74.9	76.1	77.0	59.9
45-49	68.6	68.9	66.6	70.1	71.8	52.0
50-54	64.3	64.0	67.4	68.0	62.9	58.9
55-59	70.1	69.3	77.3	67.2	67.5	78.1
60-64	75.5	74.7	82.6	62.2	80.5	82.6
65-69	54.5	53.3	65.9	46.5	59.8	55.5
70-74	37.4	37.3	34.8	34.4	41.7	34.7
75+	39.7	39.5	43.0	28.6	54.6	57.5

Table B-4. Net labor force mobility rates by sex, age, race, and schooling completed, 1979-80

(Annual rate per 1,000 population)

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
Men						
16-19	58.6	54.8	75.2	47.3	-	-
20-24	30.1	28.4	40.2	24.8	21.5	35.7
25-29	9.3	8.8	12.0	7.7	5.8	16.7
30-34	.0	.4	-3.3	.0	-1.9	3.2
35-39	-3.3	-2.4	-9.8	-3.7	-2.9	-1.4
40-44	-7.0	-6.4	-11.4	-5.4	-5.8	-6.7
45-49	-11.8	-11.8	-11.5	-10.7	-11.2	-9.2
50-54	-19.6	-18.8	-25.8	-24.3	-16.5	-15.3
55-59	-45.9	-44.3	-60.6	-50.3	-43.3	-37.1
60-64	-71.4	-71.4	-69.3	-59.8	-76.1	-68.5
65-69	-37.0	-39.0	-18.1	-26.0	-38.5	-48.2
70-74	-24.0	-24.4	-19.8	-16.0	-27.2	-40.3
75+	-75.2	-78.6	-47.4	-63.8	-82.4	-119.4
Women						
16-19	46.4	44.8	55.4	14.0	-	-
20-24	10.0	5.9	32.8	-2.2	2.1	-1.2
25-29	-3.8	-6.0	8.3	.3	-4.3	-5.6
30-34	.9	1.0	.3	1.4	2.4	.3
35-39	3.6	5.3	-7.7	.9	4.6	8.9
40-44	-3.8	-2.9	-9.9	-1.2	-3.7	-1
45-49	-12.2	-12.7	-7.3	-2.5	-13.5	-9.0
50-54	-16.4	-16.7	-14.0	-14.9	-13.7	-19.6
55-59	-31.9	-31.8	-32.9	-26.8	-29.1	-41.8
60-64	-40.2	-39.9	-42.6	-27.9	-41.9	-51.4
65-69	-22.6	-21.9	-28.8	-16.4	-23.9	-27.0
70-74	-10.3	-9.7	-13.2	-9.6	-10.5	-5.9
75+	-38.3	-38.1	-42.6	-27.3	-53.0	-56.5

Table B-5. Labor force accessions per 1,000 persons alive at beginning of age interval by sex, age, race, and schooling completed, 1979-80

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
Men						
16-19	914.9	889.9	1,108.0	836.7	-	-
20-24	635.6	600.7	874.4	654.8	558.9	821.4
25-29	302.9	284.0	443.1	411.8	263.5	354.7
30-34	171.2	159.3	271.5	246.9	172.0	163.1
35-39	123.7	118.3	177.9	202.8	125.5	99.0
40-44	107.0	101.4	152.0	186.7	97.3	86.5
45-49	104.3	95.1	172.2	151.6	102.2	87.3
50-54	115.2	113.1	133.2	140.8	127.1	90.8
55-59	141.1	144.4	117.3	165.8	142.6	117.0
60-64	211.0	213.7	181.9	241.6	208.2	171.9
65-69	253.6	250.6	276.6	253.7	258.5	256.2
70-74	190.7	189.9	198.0	199.0	182.0	171.8
75+	3.4	3.6	.9	4.1	3.1	1.0
Women						
16-19	958.4	952.9	1,014.9	888.4	-	-
20-24	790.7	758.9	989.2	841.3	766.9	708.6
25-29	584.4	573.3	656.3	708.1	600.2	540.9
30-34	507.3	511.3	488.1	597.7	531.2	440.2
35-39	446.9	456.0	387.6	469.6	469.1	402.2
40-44	356.0	358.3	333.6	377.7	371.7	305.6
45-49	290.1	287.5	309.4	343.4	299.4	225.4
50-54	251.0	247.0	285.5	273.9	257.9	212.2
55-59	204.8	200.5	244.0	211.8	207.1	199.8
60-64	189.0	185.6	219.3	180.1	206.4	171.7
65-69	167.0	163.8	195.2	156.1	187.2	151.6
70-74	140.3	142.8	113.9	127.5	161.5	149.9
75+	2.8	2.9	2.0	2.4	3.6	3.3

Table B-6. Total labor force separations per 1,000 persons alive at beginning of age interval by sex, age, race, and schooling completed, 1979-80

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
Men						
16-19	681.1	671.3	607.9	648.2	-	-
20-24	485.8	459.3	674.4	531.5	451.9	643.6
25-29	256.6	240.3	383.8	373.7	234.5	271.7
30-34	171.3	157.1	287.8	247.1	181.5	147.4
35-39	140.3	130.3	226.5	221.2	139.9	105.8
40-44	141.8	133.1	208.0	213.5	126.1	119.8
45-49	162.4	153.4	228.4	204.4	157.5	132.4
50-54	210.9	205.4	257.6	259.6	207.8	165.5
55-59	362.8	359.0	404.9	408.8	352.0	296.5
60-64	549.8	553.5	504.1	525.4	569.3	497.0
65-69	424.6	431.3	359.1	374.0	436.4	479.3
70-74	297.5	298.8	284.8	270.4	303.2	351.2
75+	73.7	77.1	45.2	63.7	80.1	112.5
Women						
16-19	773.1	773.9	793.4	832.4	-	-
20-24	740.7	729.6	825.5	652.1	756.3	714.8
25-29	603.4	603.1	614.8	706.3	621.6	568.9
30-34	502.7	506.2	486.3	590.9	519.2	438.6
35-39	429.0	429.7	425.7	465.0	445.9	357.6
40-44	374.8	372.8	382.7	383.5	390.0	306.2
45-49	350.5	350.7	345.5	355.9	366.5	270.2
50-54	332.2	329.7	354.2	347.3	325.6	309.1
55-59	361.8	357.0	403.9	343.4	350.0	405.3
60-64	384.7	380.1	423.8	315.7	410.4	421.9
65-69	275.5	269.4	331.3	234.7	302.2	281.4
70-74	188.7	188.5	174.7	172.6	210.8	177.9
75+	39.0	38.8	42.1	28.1	53.6	56.5

Table B-7. Labor force accessions per 1,000 inactive persons by sex, age, race, and schooling completed, 1979-80

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
Men						
16-19	596.1	620.1	525.8	506.0	-	-
20-24	666.4	672.6	649.0	511.2	719.6	685.2
25-29	681.4	693.1	646.8	477.2	721.9	783.3
30-34	547.1	558.1	520.6	330.1	568.3	802.2
35-39	407.1	444.3	306.9	271.9	403.0	757.2
40-44	297.8	327.9	208.7	235.1	285.6	539.1
45-49	217.7	218.5	213.2	172.8	233.2	350.6
50-54	168.8	175.0	138.8	123.3	213.3	260.9
55-59	120.9	129.0	75.1	93.4	142.8	174.5
60-64	88.6	92.0	62.9	81.4	93.7	103.8
65-69	75.3	75.1	76.4	68.5	78.7	95.6
70-74	52.0	51.8	54.5	51.9	50.2	54.0
75+	3.9	4.2	1.0	4.7	3.7	1.2
Women						
16-19	527.5	564.1	409.3	425.4	-	-
20-24	454.8	457.5	462.1	320.1	457.4	568.3
25-29	341.8	334.1	397.6	268.3	342.7	422.0
30-34	292.3	289.3	320.0	229.8	303.3	319.3
35-39	271.3	274.7	248.0	185.0	287.3	330.2
40-44	221.7	226.3	189.1	149.0	237.2	287.3
45-49	164.1	163.9	165.1	136.2	170.4	199.8
50-54	122.7	120.4	141.7	102.4	127.4	155.3
55-59	81.1	79.0	100.3	67.8	85.8	99.6
60-64	56.4	55.0	68.7	48.4	64.0	55.4
65-69	41.8	40.9	50.1	37.7	47.9	38.5
70-74	33.3	33.9	27.1	29.7	38.9	36.2
75+	3.1	3.2	2.2	2.6	4.1	3.7

Table B-8. Total labor force separations per 1,000 active persons by sex, age, race, and schooling completed, 1979-80

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
Men						
16-19	277.6	262.9	429.2	277.6	-	-
20-24	120.9	112.5	186.3	143.9	107.6	170.4
25-29	56.6	52.6	89.8	90.9	50.9	60.1
30-34	36.7	33.5	65.0	58.4	38.8	30.9
35-39	30.0	27.7	52.0	52.4	30.0	21.8
40-44	30.8	28.6	49.7	51.3	27.3	25.0
45-49	36.5	34.1	56.1	50.4	35.0	26.3
50-54	50.1	48.3	66.8	69.2	48.4	36.4
55-59	98.9	96.3	127.2	133.6	91.8	71.2
60-64	232.5	227.5	286.5	295.3	225.6	160.8
65-69	337.9	332.4	386.7	405.0	325.2	246.2
70-74	381.8	380.3	374.2	443.1	367.6	277.2
75+	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0
Women						
16-19	354.8	335.6	523.2	436.5	-	-
20-24	227.6	218.8	289.8	360.5	228.1	190.8
25-29	183.8	184.0	184.4	300.3	191.9	153.3
30-34	154.5	157.0	140.7	247.3	160.3	121.4
35-39	128.5	129.1	124.8	190.0	133.0	94.9
40-44	111.2	109.8	119.8	157.1	114.4	78.3
45-49	109.7	109.1	112.8	145.8	114.3	70.5
50-54	114.7	113.8	122.6	153.2	111.6	86.5
55-59	151.5	149.9	166.1	192.0	140.0	139.3
60-64	253.5	252.4	262.8	275.8	249.4	238.6
65-69	339.4	333.2	393.9	352.3	335.4	322.7
70-74	384.5	377.4	428.0	417.1	380.3	317.4
75+	1000.0	1000.0	1000.0	1000.0	1000.0	1000.0

Table B-9. Remaining labor force accessions per person entering age interval by sex, age, race, and schooling completed, 1979-80

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
Men						
16-19	3.0	2.9	3.7	3.4	-	-
20-24	2.1	2.1	2.6	2.6	2.0	2.2
25-29	1.5	1.5	1.8	2.0	1.5	1.4
30-34	1.2	1.2	1.4	1.6	1.2	1.1
35-39	1.1	1.1	1.1	1.3	1.1	.9
40-44	1.0	.9	1.0	1.2	.9	.8
45-49	.9	.9	.8	1.0	.9	.7
50-54	.8	.8	.7	.9	.8	.7
55-59	.7	.7	.6	.8	.7	.6
60-64	.6	.6	.5	.6	.6	.5
65-69	.4	.4	.4	.4	.4	.4
70-74	.2	.2	.2	.2	.2	.2
75+	.0	.0	.0	.0	.0	.0
Women						
16-19	4.8	4.7	5.0	5.1	-	-
20-24	3.8	3.8	4.0	4.2	3.9	3.4
25-29	3.0	3.0	3.1	3.3	3.2	2.7
30-34	2.5	2.5	2.4	2.6	2.6	2.2
35-39	2.0	2.0	1.9	2.1	2.1	1.7
40-44	1.5	1.5	1.6	1.6	1.6	1.4
45-49	1.2	1.2	1.3	1.2	1.3	1.1
50-54	.9	.9	1.0	.9	1.0	.8
55-59	.7	.7	.7	.6	.7	.6
60-64	.5	.5	.5	.5	.5	.5
65-69	.3	.3	.3	.3	.4	.3
70-74	.2	.2	.1	.1	.2	.2
75+	.0	.0	.0	.0	.0	.0

Table B-10. Remaining voluntary labor force separations per person entering age interval by sex, age, race, and schooling completed, 1979-80

Sex and age	Total	Race		Years of schooling completed		
		White	Black and other	Less than high school	High school to 14 years	15 years or more
	(1)	(2)	(3)	(4)	(5)	(6)
Men						
16-19	3.4	3.4	3.8	3.8	-	-
20-24	2.8	2.7	3.0	3.2	2.7	2.8
25-29	2.3	2.3	2.4	2.7	2.3	2.2
30-34	2.1	2.1	2.0	2.4	2.1	2.0
35-39	1.9	2.0	1.8	2.2	1.9	1.9
40-44	1.8	1.9	1.6	2.0	1.8	1.8
45-49	1.7	1.8	1.5	1.8	1.8	1.7
50-54	1.7	1.7	1.4	1.7	1.7	1.7
55-59	1.6	1.6	1.3	1.5	1.6	1.6
60-64	1.3	1.4	1.1	1.2	1.4	1.5
65-69	.9	1.0	.7	.8	1.0	1.2
70-74	.7	.7	.5	.6	.7	.9
75+	.1	.1	.0	.1	.1	.1
Women						
16-19	5.3	5.3	5.3	5.5	-	-
20-24	4.5	4.5	4.5	4.7	4.7	4.3
25-29	3.8	3.8	3.7	3.8	4.0	3.6
30-34	3.2	3.2	3.1	3.2	3.4	3.0
35-39	2.7	2.7	2.7	2.6	2.9	2.6
40-44	2.3	2.3	2.3	2.1	2.4	2.3
45-49	1.9	1.9	1.9	1.8	2.1	2.0
50-54	1.6	1.6	1.6	1.4	1.7	1.8
55-59	1.3	1.3	1.4	1.1	1.5	1.5
60-64	1.0	1.0	1.1	.8	1.2	1.2
65-69	.7	.7	.7	.6	.8	.8
70-74	.5	.5	.5	.4	.6	.6
75+	.0	.0	.0	.0	.1	.1

Technical Appendix

The current set of worklife tables is an update and extension of those published in 1982 in Bulletins 2135 and 2157. The basic methodology, detailed in Bulletin 2135, has not changed.

Data input. Multistate (increment-decrement) working life tables are derived from information about changes in the labor force status of individuals between two points in time, 12 months apart. The flows in question are outlined in figure 1.

Using data collected by the Current Population Survey (CPS), these flows are traced separately for each sex-race and sex-educational attainment cohort.¹ For the period 1979-80, responses of persons interviewed in two successive January, March, May, July, September, or November surveys have been compared over the 1-year interval to obtain counts of the streams noted in figure 1. Surviving respondents have been classified as "active" or "inactive" if their status was identical at the two reference points, and as "entrants" or "exits" if their status changed.² The number lost to reinterview through death has been estimated separately, using the standard mortality function q_x (here denoted p_x^d). The National Center for Health Statistics publishes these rates annually. Because the reference period for labor force activity spans 2 calendar years, we have employed mortality rates which are averages of those published for 1979 and 1980.

Life table calculations are performed on single-year-of-age data. The reference period for events in these tables is that between two exact ages, denoted x and $x+1$. Survey data have a slightly different age reference: The average person claiming to be " x " years old is actually halfway between his x and $x+1$ th birthdays, or $x + \frac{1}{2}$ years of age. Before developing the life table functions, therefore, survey data must be recentered on the appropriate age interval. The exact age counts are derived from survey values as follows. Using the example of persons economically active at age " x ":

$$\text{actives}_x = \frac{\text{actives}_{(x-\frac{1}{2})} + \text{actives}_{(x+\frac{1}{2})}}{2}$$

The subscripts refer to the age of persons at the beginning of the 1-year interval.

Transition probabilities ($i p_x^3$). These probabilities (shown for all men and all women in columns 8-12 of tables A-1 and A-4) indicate the likelihood that an individual of a given sex, age, labor force status (and—though not shown—race or educational attainment category) will be classified in each of three possible states 1 year later: Economically active, inactive, or dead. Since these outcomes exhaust all possibilities, the probabilities sum to unity. Within any demographic group for which a table has been calculated:

$$i p_x^i + i p_x^a + i p_x^d = 1 \quad \text{and}$$
$$a p_x^a + a p_x^i + a p_x^d = 1.$$

Where:

i = economically inactive (out of labor force)

a = economically active (in the labor force)

d = dead

$i p_x^3$ = the probability that a person of a given characteristic, age x and in status 1 at the beginning of the interval, will be in status 2 exactly 1 year later, at age $x+1$.

Differences in mortality risks associated with labor force status have not yet been adequately quantified. Therefore we have assumed those risks to be the same for all persons of a given age, whether in or out of the labor force. Thus:

$$a p_x^d = i p_x^d = p_x^d$$

Where:

\cdot = all persons of given characteristics alive at the beginning of the interval.

In the tables for all men, all women, and men and women by educational attainment, mortality rates have been assumed to vary by age and sex. No educational differentials have been introduced, owing to lack of data. However, the tables by race employ additional

¹This information is collected from all age groups, 14 and above, and has been processed for ages 14 through 76.

²The data set used for this analysis does not facilitate a distinction between initial and subsequent labor force entries.

Figure 1. Labor force flows for each demographic group identified in the 1979-80 working life tables

State at time 1, age x	State at time 2, age x + 1			
	Total	In labor force	Not in labor force	Dead
In labor force	Group A	Actives Entrants	Exits Inactives	Deaths of actives
Not in labor force	Group B			Deaths of inactives

information on racial differentials in mortality, so that, for instance:

$${}^{wm} \cdot p_x^d \neq {}^{om} \cdot p_x^d$$

Where:

${}^{wm} \cdot p_x^d$ = the death rate of all white males of a given age, regardless of labor force status

${}^{om} \cdot p_x^d$ = the death rate of all black and other males of a given age, regardless of labor force status

For each group tabulated, transition probabilities are computed as row percentages from age-adjusted tables like figure 1. For instance, the probability of entering the labor force over the year's interval beginning at age x is computed as:

$$i_p_x^a = \frac{\text{entrants}_x}{\text{Group B}_x}$$

Rates of transfer between statuses (${}^1m_x^2$). These rates (which appear for total men and total women in columns 13-15 of tables A-1 and A-4) denote the number of transfers from state 1 to state 2 during the interval from exact age x to exact age x+1, per thousand cohort members age x in the stationary population. As a ratio of events to population, these rates make allowance for the fact that a single individual may change his or her status repeatedly during any year. Transfer rates are computed from transition probabilities as follows:

$${}^a m_x^i = \frac{4 \times {}^a p_x^i}{(1 + {}^a p_x^a)(1 + {}^i p_x^i) - ({}^a p_x^i \times {}^i p_x^a)}$$

and so on. The probability of transition and the rate of transfer for a given age are positively related so that the higher the likelihood of changing status over a 1-year interval, the greater the rate of transfer and the larger the difference between their respective values.

The stationary population ($\cdot 1_x$), *inactive population* ($\cdot i_x$), and *stationary labor force* ($\cdot l_x$) at each exact age. These functions appear in columns 16-18 of the complete worklife tables, A-1 and A-4. They denote the number of persons of a give cohort who would remain in each labor force status at successive birthdays if 100,000 persons of the same sex and race or ultimate

educational attainment, born at the same time, were "survived" until all persons had died, at each age experiencing the mortality and labor force probabilities observed in the base population during the reference year. The stationary population at any given age x is merely cohort survivors at the beginning of the previous age, multiplied by their probability of surviving that age:

$$\cdot 1_x = \cdot 1_{x-1} \times (1 - \cdot p_{x-1}^d).$$

Group-specific transfer rates are used to determine how many cohort members will be active or inactive at each successive age. For instance, the number of inactives at age x is equal to the stock of inactives in the cohort 1 year earlier, plus persons leaving the labor force at any time during the interval, minus all those entering the labor force, minus inactives who died:

$$\begin{aligned} \cdot i_1_x &= \cdot i_{x-1} + ({}^a l_{x-1} \times {}^a m_{x-1}^i) \\ &\quad - ({}^i l_{x-1} \times {}^i m_{x-1}^a) - ({}^i l_{x-1} \times {}^i m_{x-1}^d). \end{aligned}$$

This function can be restated in terms of numbers who transferred between states 1 and 2, as observed only at those ages (${}^1t_x^2$):

$$\cdot i_1_x = \cdot i_{x-1} + {}^a t_{x-1}^i - {}^i t_{x-1}^a - {}^i t_{x-1}^d.$$

The number of such transfers is shown in columns 19-23 of the complete worklife tables, A-1 and A-4.

Remaining labor force entries (${}^i E_x^a$) and *voluntary exits* (${}^a E_x^i$) *per person*. The average number of labor force entries and exits remaining per person of a given age is computed by summing the relevant transfer values (${}^i t_x^a$ or ${}^a t_x^i$) from that age to the end of the table and dividing the total by persons alive at the beginning of that age, $\cdot 1_x$. Comparative estimates for the 12 cohorts in question are shown in tables B-9 and B-10.

Expectation of life ($\cdot e_x^a$), and *working life* ($\cdot e_x^a$) *for all persons aged x*. The stationary population values shown in columns 16-18 of the complete tables can be read to represent a longitudinal history of a single birth cohort, showing the labor force status of survivors to each successive birthday.

Assuming that changes in status (i.e., deaths and labor force entries and exits) are evenly distributed throughout the year, the total number alive at mid-year

(L_x^*) should be precisely half the sum of those alive at the beginning and at the end of that interval:

$$L_x^* = \frac{L_x + L_{x+1}}{2}$$

The number active or inactive at mid-year can be computed in analogous fashion. (These values by labor force status appear in columns 24-26 of tables A-1 and A-4). These figures are also referred to as the number of "person years" lived by the group in any status as it passes through the given age. Summing person years (of life, inactivity, or activity) from age x to the end of the table, and dividing the result by total persons alive at exact age x , we derive average years of life, inactivity, and activity remaining to be lived by those age x . For example, the average worklife expectancy is:

$$e_x^a = \frac{\sum_{age=x}^{\infty} L_x^a}{L_x} = \frac{T_x^a}{L_x}$$

Labor force status-specific expectations of active life (e_x^a , i_x^a) and inactive life (e_x^i , i_x^i). The expectancy functions for the population as a whole, above, were developed using a Markov chain calculation in which a specific cohort of individuals (i.e., those of a given sex, and race or educational attainment level, born at the same time) were traced through a lifetime of labor force entries and exits to quantify total average work duration. By the same token, it is possible to follow even more specific cohorts (e.g., those with a given set of characteristics who were in the labor force at a specific age) through their subsequent worklife experiences. The procedure is the same. At each age, survivors of the initial work status cohort are subjected to the transfer rates appropriate to their current age and status, to determine how many will enter the next age interval in each work status group. The resulting stationary population profile is translated into person years of activity and inactivity lived by the group in that age interval. These values are summed across ages, then averaged over persons of the relevant sex alive and in a given status at the initial age.

Given the 2 sexes, 2 labor force statuses, and 60 ages of interest, this entire procedure must be repeated 240 times to develop the expectancy figures shown in columns 4-7 of tables A-1 and A-4. It must be repeated another 1,200 times to provide the labor force status-specific detail by sex and race, and by sex and education, shown.

The expectancies are denoted e_x^a (years of activity remaining to persons currently active), i_x^a (years of activity remaining to persons currently inactive), and

e_x^i and i_x^i for years of inactivity remaining for the same two groups.

Interpretation of worklife expectancy values. These tables measure movement into and out of the labor force, rather than flows into and out of employment. Hence measures of "worklife" actually include periods of unemployment.

These estimates in no way control for differences in hours worked by age, sex, race, or educational attainment. They simply summarize the number of years during which an average cohort member would be attached to the labor force (in whatever manner is characteristic for that group) if prevailing rates of mortality and labor force entry and exit remained in effect throughout his or her lifetime.

It is possible to quantify the proportion of each year of life spent in the labor force (controlling for the average effects of mortality and labor force separation) by computing the following ratio for each age group:

$$x + i_x^a = \frac{L_x^a}{L_x}$$

Where:

$$x + i_x^a = \text{the worklife expectancy from age } x \text{ to } x+1.$$

Modifications of the model. Treatment of the initial and terminal ages of the table has been modified slightly since the last publication to improve the precision of the estimates. Whereas the tables for 1977 recognized labor force entries to begin during age 15, the present set also rests on known entry patterns for persons age 14. This has had a very minor impact on worklife expectancies at birth, and none at all beyond the early teens.

For purposes of closure, it is now assumed that no one enters the labor force after age 75, and that person years of activity beyond that age are proportional to the labor force participation rate of CPS respondents age 76 to 78. (Given the number of groups being tabulated, it is no longer feasible to attempt estimation of actual labor force movements beyond age 75.) This modification has had a very minor impact on worklife values.

Additional detail. This publication includes only summary statistics on worklife expectancy by race and education. Full tables for various groups are available upon request from: Division of Data Development and Users' Services, Office of Employment and Unemployment Statistics, Bureau of Labor Statistics, 441 G St. NW., Washington, D.C. 20212.