

TABLE 22 :—SAORSTAT LIFE TABLE NO. 1—MALES

(For explanation of calculation see Memorandum on p. 220).

KEY TO THE NOTATION.

q_x = the rate of mortality, or the probability of dying in a year. It is the ratio of the number of deaths in the year of age x to $x+1$ to the number entering on the year.

p_x = the probability of living a year, or the ratio of the number completing the year of age x to $x+1$ to the number entering on the year.

l_x = the number according to the life table surviving to exact age x .

d_x = the deaths in the year of age x to $x+1$ among l_x persons who enter on that year.

L_x = the population according to the life table, or the years of life lived, in the year of age x to $x+1$.

T_x = the population, or the years of life lived, above the moment of age x .

$^o e_x$ = the complete expectation of life, or the total future lifetime which on the average will be passed through by persons aged exactly x .

The following relations hold between these quantities :—

$$p_x = 1 - q_x, l_x - l_{x+1} = d_x; L_x = \frac{1}{2}(l_x + l_{x+1}) (x > 0); T_x = \sum_{y \geq x} l_y; ^o e_x = T_x / l_x.$$

Age. x	l_x	d_x	p_x	q_x	L_x	T_x	$^o e_x$	Age. x
0	100,000	7,716	.92284	.07716	94,050	5,737,059	57.37	0
1	92,284	1,745	.98109	.01891	91,411	5,643,009	61.15	1
2	90,539	827	.99087	.00913	90,126	5,551,598	61.32	2
3	89,712	535	.99404	.00596	89,444	5,461,472	60.88	3
4	89,177	384	.99569	.00431	88,985	5,372,028	60.24	4
5	88,793	294	.99669	.00331	88,646	5,283,043	59.50	5
6	88,499	239	.99730	.00270	88,380	5,194,397	58.69	6
7	88,260	204	.99769	.00231	88,158	5,106,017	57.85	7
8	88,056	180	.99796	.00204	87,966	5,017,859	56.98	8
9	87,876	161	.99817	.00183	87,795	4,929,893	56.10	9
10	87,715	146	.99834	.00166	87,642	4,842,098	55.20	10
11	87,569	137	.99843	.00157	87,501	4,754,456	54.29	11
12	87,432	136	.99844	.00156	87,364	4,666,955	53.38	12
13	87,296	147	.99832	.00168	87,222	4,579,591	52.46	13
14	87,149	168	.99807	.00193	87,065	4,492,369	51.55	14
15	86,981	201	.99769	.00231	86,881	4,405,304	50.65	15
16	86,780	241	.99722	.00278	86,659	4,318,423	49.76	16
17	86,539	280	.99676	.00324	86,399	4,231,764	48.90	17
18	86,259	304	.99648	.00352	86,107	4,145,365	48.06	18
19	85,955	325	.99622	.00378	85,793	4,059,258	47.23	19
20	85,630	343	.99599	.00401	85,458	3,973,465	46.40	20
21	85,287	361	.99577	.00423	85,107	3,888,007	45.59	21
22	84,926	375	.99558	.00442	84,738	3,802,900	44.78	22
23	84,551	387	.99542	.00458	84,358	3,718,162	43.98	23
24	84,164	396	.99529	.00471	83,966	3,633,804	43.18	24
25	83,768	404	.99518	.00482	83,566	3,549,838	42.38	25
26	83,364	410	.99508	.00492	83,159	3,466,272	41.58	26
27	82,954	417	.99497	.00503	82,745	3,383,113	40.78	27
28	82,537	423	.99488	.00512	82,326	3,300,368	39.99	28
29	82,114	428	.99479	.00521	81,900	3,218,042	39.19	29
30	81,686	432	.99471	.00529	81,470	3,136,142	38.39	30
31	81,254	437	.99462	.00538	81,035	3,054,672	37.59	31
32	80,817	444	.99451	.00549	80,595	2,973,637	36.79	32
33	80,373	452	.99438	.00562	80,147	2,893,042	36.00	33
34	79,921	460	.99424	.00576	79,691	2,812,895	35.20	34
35	79,461	471	.99407	.00593	79,226	2,733,204	34.40	35
36	78,990	483	.99389	.00611	78,748	2,653,978	33.60	36
37	78,507	496	.99368	.00632	78,259	2,575,230	32.80	37
38	78,011	510	.99346	.00654	77,756	2,496,971	32.01	38
39	77,501	526	.99321	.00679	77,238	2,419,215	31.22	39
40	76,975	543	.99295	.00705	76,704	2,341,977	30.43	40
41	76,432	561	.99266	.00734	76,151	2,265,273	29.64	41
42	75,871	577	.99239	.00761	75,583	2,189,122	28.85	42
43	75,294	594	.99211	.00789	74,997	2,113,539	28.07	43
44	74,700	611	.99182	.00818	74,394	2,038,542	27.29	44

TABLE 22 (contd.):—SAORSTAT LIFE TABLE NO. 1—MALES.

Age. x	l_x	d_x	p_x	q_x	L_x	T_x	$^o e_x$	Age. x
45	74,089	631	.99148	.00852	73,774	1,964,148	26.51	45
46	73,458	654	.99110	.00890	73,131	1,890,374	25.73	46
47	72,804	681	.99065	.00935	72,463	1,817,243	24.96	47
48	72,123	713	.99011	.00989	71,767	1,744,780	24.19	48
49	71,410	753	.98946	.01054	71,033	1,673,013	23.43	49
50	70,657	798	.98870	.01130	70,258	1,601,980	22.67	50
51	69,859	850	.98783	.01217	69,434	1,531,722	21.93	51
52	69,009	906	.98687	.01313	68,556	1,462,288	21.19	52
53	68,103	966	.98582	.01418	67,620	1,393,732	20.47	53
54	67,137	1,029	.98467	.01533	66,623	1,326,112	19.75	54
55	66,108	1,095	.98344	.01656	65,560	1,259,489	19.05	55
56	65,013	1,164	.98210	.01790	64,431	1,193,929	18.36	56
57	63,849	1,234	.98067	.01933	63,232	1,129,498	17.69	57
58	62,615	1,307	.97913	.02087	61,962	1,066,266	17.03	58
59	61,308	1,381	.97748	.02252	60,617	1,004,304	16.38	59
60	59,927	1,455	.97572	.02428	59,200	943,687	15.75	60
61	58,472	1,526	.97390	.02610	57,709	884,487	15.13	61
62	56,946	1,591	.97206	.02794	56,150	826,778	14.52	62
63	55,355	1,652	.97016	.02984	54,529	770,628	13.92	63
64	53,703	1,711	.96814	.03186	52,848	716,099	13.33	64
65	51,992	1,769	.96597	.03403	51,107	663,251	12.76	65
66	50,223	1,828	.96360	.03640	49,309	612,144	12.19	66
67	48,395	1,889	.96096	.03904	47,451	562,835	11.63	67
68	46,506	1,953	.95800	.04200	45,529	515,384	11.08	68
69	44,553	2,020	.95466	.04534	43,543	469,855	10.55	69
70	42,533	2,090	.95087	.04913	41,488	426,312	10.02	70
71	40,443	2,162	.94655	.05345	39,362	384,824	9.52	71
72	38,281	2,232	.94169	.05831	37,165	345,462	9.02	72
73	36,049	2,296	.93632	.06368	34,901	308,297	8.55	73
74	33,753	2,348	.93044	.06956	32,579	273,396	8.10	74
75	31,405	2,384	.92408	.07592	30,213	240,817	7.67	75
76	29,021	2,401	.91726	.08274	27,821	210,604	7.26	76
77	26,620	2,396	.91000	.09000	25,422	182,783	6.87	77
78	24,224	2,365	.90236	.09764	23,041	157,361	6.50	78
79	21,859	2,309	.89438	.10562	20,705	134,320	6.14	79
80	19,550	2,227	.88611	.11389	18,436	113,615	5.81	80
81	17,323	2,125	.87733	.12267	16,261	95,179	5.49	81
82	15,198	2,005	.86805	.13195	14,195	78,918	5.19	82
83	13,193	1,870	.85824	.14176	12,258	64,723	4.91	83
84	11,323	1,722	.84788	.15212	10,462	52,465	4.63	84
85	9,601	1,565	.83696	.16304	8,819	42,003	4.37	85
86	8,036	1,403	.82545	.17455	7,334	33,184	4.13	86
87	6,633	1,238	.81332	.18668	6,014	25,850	3.90	87
88	5,395	1,076	.80057	.19943	4,857	19,836	3.68	88
89	4,319	919.2	.78717	.21283	3859.4	14,979	3.47	89
90	3399.8	771.4	.77310	.22690	3014.1	11119.7	3.27	90
91	2628.4	635.2	.75835	.24165	2310.8	8105.6	3.08	91
92	1993.2	512.5	.74290	.25710	1737.0	5794.8	2.91	92
93	1480.7	404.6	.72675	.27325	1278.4	4057.8	2.74	93
94	1076.1	312.2	.70989	.29011	920.0	2779.4	2.58	94
95	763.9	235.0	.69231	.30769	646.4	1859.4	2.43	95
96	528.9	172.4	.67400	.32600	442.7	1213.0	2.29	96
97	356.5	123.0	.65499	.34501	295.0	770.3	2.16	97
98	233.5	85.2	.63527	.36473	190.9	475.3	2.04	98
99	148.3	57.1	.61486	.38514	119.7	284.4	1.92	99
100	91.2	37.0	.59379	.40621	72.7	164.7	1.81	100
101	54.2	23.2	.57207	.42793	42.6	92.0	1.70	101
102	31.0	14.0	.54975	.45025	24.0	49.4	1.59	102
103	17.0	8.0	.52686	.47314	13.0	25.4	1.49	103
104	9.0	4.5	.50347	.49653	6.8	12.4	1.38	104
105	4.5	2.3	.47963	.52037	3.3	5.6	1.25	105
106	2.2	1.2	.45541	.54459	1.6	2.3	1.05	106
107	1.0	0.6	.43089	.56911	0.7	0.7	0.72	107