

# World Population

*An Analysis of Vital Data*

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216 Israel 1950-52  
Jewish Population

TABLE 1  
DATA

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				BIRTHS		DEATHS		AGE AT LAST BIRTHDAY
		MALES		FEMALES		BY AGE OF MOTHER	BOTH SEXES	MALES	FEMALES	
		Number	%	Number	%					
0	37097	19118	2.9	17979	2.8	0	1710	944	766	0
1-4	139549	71916	10.8	67633	10.6	0	470	248	222	1-4
5-9	118798	61012	9.2	57786	9.1	0	112	67	45	5-9
10-14	100909	51902	7.8	49007	7.7	24	67	37	30	10-14
15-19	109730	57122	8.6	52608	8.3	3906	137	95	42	15-19
20-24	109198	54931	8.2	54267	8.5	11730	186	125	61	20-24
25-29	115283	58062	8.7	57221	9.0	12036	164	102	62	25-29
30-34	94312	48036	7.2	46276	7.3	7493	156	83	73	30-34
35-39	106724	52030	7.8	54694	8.6	4914	217	110	107	35-39
40-44	104163	54649	8.2	49514	7.8	1295	266	138	128	40-44
45-49	77957	42350	6.4	35607	5.6	150	344	200	144	45-49
50-54	63883	33379	5.0	30504	4.8	31	448	271	177	50-54
55-59	40445	21501	3.2	18944	3.0	0	437	262	175	55-59
60-64	33581	16047	2.4	17534	2.8	0	673	377	296	60-64
65-69	22531	10546	1.6	11985	1.9	0	715	377	338	65-69
70-74	15838	7361	1.1	8477	1.3	0	838	419	419	70-74
75-79	8053	3813	0.6	4240	0.7	0	642	325	317	75-79
80-84	4129	1867	0.3	2262	0.4	21481 M.	503	238	265	80-84
85+	1522	653	0.1	869	0.1	20098 F.	308	135	173	85+
TOTAL	1303702	666295		637407		41579	8393	4553	3840	TOTAL

TABLE 2  
MALE LIFE TABLE

x	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{l}_x$	$nM_x$	x
0	0.047581	100000	4758	96633	0.049239	0.2923	6655902	0.0037	66.559	0.049378	0
1	0.013615	95242	1297	377260	0.003437	1.1411	6559269	0.0037	68.870	0.003448	1
5	0.005348	93945	502	468470	0.001072	2.5000	6182009	0.0046	65.804	0.001098	5
10	0.003562	93443	333	466438	0.000714	2.6683	5713539	0.0056	61.145	0.000713	10
15	0.00284	93110	771	463770	0.001663	2.6923	5247101	0.0000	56.354	0.001663	15
20	0.011314	92339	1045	459087	0.002276	2.5053	4783331	0.0000	51.802	0.002276	20
25	0.008738	91294	798	454420	0.001755	2.4306	4324244	0.0115	47.366	0.001757	25
30	0.008606	90496	779	450565	0.001729	2.5390	3869824	0.0092	42.762	0.001728	30
35	0.010517	89717	944	446299	0.002114	2.5750	3419259	0.0000	38.111	0.002114	35
40	0.012601	88774	1119	441308	0.002535	2.7098	2972960	0.0177	33.489	0.002525	40
45	0.023616	87655	2070	433586	0.004774	2.7344	2531652	0.0443	28.882	0.004723	45
50	0.040290	85585	3448	419903	0.008212	2.6734	2098066	0.0596	24.514	0.008119	50
55	0.060147	82137	4940	399424	0.012368	2.7207	1678163	0.0594	20.431	0.012185	55
60	0.112468	77197	8682	365619	0.023746	2.6545	1278739	0.0526	16.565	0.023493	60
65	0.166094	68514	11380	315311	0.036091	2.6044	913119	0.0526	13.327	0.035748	65
70	0.251803	57135	14387	250483	0.057436	2.5540	597808	0.0526	10.463	0.056922	70
75	0.353448	42748	15109	175771	0.085959	2.4871	347325	0.0526	8.125	0.085235	75
80	0.486551	27639	13448	104383	0.128830	2.4858	171554	0.0526	6.207	0.127477	80
85+	*1.000000	14191	14191	67170	0.211271	4.7333	67170	0.0526	4.733	0.206738	85+

TABLE 3  
FEMALE LIFE TABLE

x	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{l}_x$	$nM_x$	x
0	0.041259	100000	4126	97126	0.042480	0.3034	6956242	0.0039	69.562	0.042605	0
1	0.012966	95874	1243	379958	0.003272	1.1535	6859116	0.0039	71.543	0.003282	1
5	0.003764	94631	356	472264	0.000754	2.5000	6479158	0.0044	68.468	0.000779	5
10	0.003057	94275	288	470657	0.000612	2.5132	6006894	0.0087	63.717	0.000612	10
15	0.003984	93987	374	469046	0.000798	2.6315	5536236	0.0000	58.904	0.000798	15
20	0.005605	93612	525	466776	0.001124	2.5513	5067190	0.0000	54.130	0.001124	20
25	0.005410	93088	504	464221	0.001085	2.5840	4600414	0.0147	49.420	0.001084	25
30	0.007861	92584	728	461181	0.001578	2.6118	4136193	0.0030	44.675	0.001577	30
35	0.009736	91856	894	457138	0.001956	2.6046	3675012	0.0000	40.008	0.001956	35
40	0.012935	90962	1177	452059	0.002603	2.6624	3217873	0.0402	35.376	0.002585	40
45	0.020178	89785	1812	444682	0.004074	2.6573	2765815	0.0443	30.805	0.004044	45
50	0.028925	87974	2545	433942	0.005864	2.6715	2321133	0.0570	26.384	0.005803	50
55	0.045727	85429	3906	418243	0.009340	2.7214	1887190	0.0452	22.091	0.009238	55
60	0.082149	81522	6697	392140	0.017078	2.6897	1468947	0.0510	18.019	0.016881	60
65	0.133706	74825	10005	350728	0.028525	2.6611	1076807	0.0510	14.391	0.028202	65
70	0.222692	64821	14435	289266	0.049902	2.5866	726079	0.0510	11.201	0.049428	70
75	0.317629	50386	16004	212196	0.075421	2.5173	436813	0.0510	8.669	0.074764	75
80	0.458493	34382	15764	133044	0.118486	2.5345	224618	0.0510	6.533	0.117154	80
85+	*1.000000	18618	18618	91574	0.203311	4.9186	91574	0.0510	4.919	0.199079	85+

TABLE 4  
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1956		1961		1966		MALES	FEMALES
Birth	31.89	32.24	31.53	28.52	27.87	25.65	25.04	25.07	24.42	29.06	28.28
Death	6.44	6.83	6.02	7.34	6.51	7.74	6.83	8.33	7.32	8.56	7.78
Increase	25.46	25.41	25.51	21.17	21.35	17.91	18.20	16.74	17.10		20.5011
PERCENTAGE											
under 15	30.40	30.61	30.19	33.70	33.20	35.22	34.63	33.67	33.07	35.25	34.57
15-64	65.60	65.75	65.45	62.17	61.77	60.13	60.08	60.58	60.63	58.88	58.74
65 and over	3.99	3.64	4.37	4.12	5.02	4.65	5.29	5.75	6.30	5.87	6.68
DEP. RATIO X 100	52.43	52.08	52.79	60.84	61.89	66.32	66.44	65.08	64.93	69.84	70.23

**TABLE 1**  
DATA

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				BIRTHS		DEATHS		AGE AT LAST BIRTHDAY
		MALES		FEMALES		BY AGE OF MOTHER	BOTH SEXES	MALES	FEMALES	
		Number	%	Number	%					
0	41679	21478	2.8	20201	2.7	0	1464	794	670	0
1-4	166675	85665	11.2	81010	10.9	0	371	196	175	1-4
5-9	168654	86794	11.4	81860	11.1	0	93	62	31	5-9
10-14	112545	57974	7.6	54571	7.4	7	54	35	19	10-14
15-19	118709	61726	8.1	56983	7.7	3890	133	97	36	15-19
20-24	119521	60857	8.0	58664	7.9	13429	159	111	48	20-24
25-29	116746	56824	7.4	59922	8.1	12095	141	81	60	25-29
30-34	116360	59639	7.8	56721	7.7	8090	144	80	64	30-34
35-39	92731	44810	5.9	47921	6.5	3558	160	74	86	35-39
40-44	117385	58254	7.6	59131	8.0	1288	299	139	160	40-44
45-49	96060	50906	6.7	45154	6.1	201	380	214	166	45-49
50-54	76951	39891	5.2	37060	5.0	25	549	324	225	50-54
55-59	55243	29003	3.8	26240	3.5	0	625	378	247	55-59
60-64	38492	19436	2.5	19056	2.6	0	753	435	318	60-64
65-69	29532	13655	1.8	15877	2.1	0	927	502	425	65-69
70-74	19430	8911	1.2	10519	1.4	0	1022	507	515	70-74
75-79	10919	5146	0.7	5773	0.8		912	458	454	75-79
80-84	5341	2387	0.3	2954	0.4	21954 M.	695	323	372	80-84
85+	1860	783	0.1	1077	0.1	20629 F.	412	175	237	85+
TOTAL	1504833	764139		740694		42583	9293	4985	4308	TOTAL

**TABLE 2**  
MALE LIFE TABLE

$x$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	$x$
0	0.036009	100000	3601	97407	0.036968	0.2798	6801971	0.0000	68.020	0.036968	0
1	0.009092	96399	876	383079	0.002288	1.1283	6704564	0.0000	69.550	0.002288	1
5	0.003480	95523	332	476782	0.000697	2.5000	6321485	0.0060	66.178	0.000714	5
10	0.003045	95190	290	475312	0.000610	2.7951	5844703	0.0332	61.400	0.000604	10
15	0.007828	94900	743	472762	0.001571	2.6584	5369391	0.0000	56.579	0.001571	15
20	0.009077	94157	855	468634	0.001824	2.4804	4896629	0.0066	52.005	0.001824	20
25	0.007101	93303	663	464809	0.001425	2.4261	4427995	0.0005	47.458	0.001425	25
30	0.006690	92640	620	461671	0.001342	2.5317	3963186	0.0223	42.780	0.001342	30
35	0.008226	92020	757	458306	0.001652	2.6275	3501515	0.0006	38.051	0.001651	35
40	0.011866	91264	1083	453848	0.002386	2.7190	3043209	0.0000	33.345	0.002386	40
45	0.021019	90181	1895	446680	0.004244	2.7720	2589361	0.0332	28.713	0.004204	45
50	0.040293	88285	3557	433268	0.008210	2.7068	2142681	0.0480	24.270	0.008122	50
55	0.064049	84728	5427	411105	0.013200	2.6902	1709413	0.0579	20.175	0.013033	55
60	0.107350	79301	8513	376604	0.022604	2.6622	1298308	0.0471	16.372	0.022381	60
65	0.170319	70788	12057	325104	0.037085	2.6082	921704	0.0471	13.021	0.036763	65
70	0.251581	58732	14776	257560	0.057368	2.5569	596600	0.0471	10.158	0.056896	70
75	0.366143	43956	16094	179384	0.089719	2.4901	339041	0.0471	7.713	0.089001	75
80	0.502797	27862	14009	102742	0.136349	2.4667	159656	0.0471	5.730	0.135316	80
85+	1.000000	13853	13853	56914	0.243400	4.1085	56914	0.0471	4.108	0.223500	85+

**TABLE 3**  
FEMALE LIFE TABLE

$x$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	$x$
0	0.032399	100000	3240	97685	0.033167	0.2856	7083262	0.0000	70.833	0.033167	0
1	0.008588	96760	831	384659	0.002160	1.1340	6985577	0.0000	72.195	0.002160	1
5	0.001799	95929	173	479214	0.000360	2.5000	6600918	0.0060	68.810	0.000379	5
10	0.001750	95757	168	478391	0.000350	2.6603	6121704	0.0358	63.930	0.000348	10
15	0.003154	95589	302	477237	0.000632	2.6531	5643313	0.0000	59.037	0.000632	15
20	0.004083	95287	389	475501	0.000818	2.5924	5166076	0.0000	54.216	0.000818	20
25	0.004995	94898	474	473337	0.001001	2.5632	4690575	0.0024	49.427	0.001001	25
30	0.005644	94424	533	470866	0.001132	2.6427	4217238	0.0211	44.663	0.001128	30
35	0.008936	93891	839	467510	0.001795	2.6784	3746373	0.0000	39.901	0.001795	35
40	0.013450	93052	1252	462310	0.002707	2.6411	3278863	0.0033	35.237	0.002706	40
45	0.018374	91801	1687	455094	0.003706	2.6817	2816553	0.0427	30.681	0.003676	45
50	0.030215	90114	2723	444262	0.006129	2.6829	2361459	0.0480	26.205	0.006071	50
55	0.046654	87391	4077	427604	0.009535	2.7060	1917197	0.0562	21.938	0.009413	55
60	0.081072	83314	6754	400865	0.016850	2.6747	1489594	0.0459	17.879	0.016688	60
65	0.127253	76560	9742	360111	0.027054	2.6713	1088729	0.0459	14.221	0.026768	65
70	0.220976	66817	14765	298738	0.049425	2.6060	728618	0.0459	10.905	0.048959	70
75	0.331483	52052	17254	217551	0.079312	2.5247	429879	0.0459	8.259	0.078642	75
80	0.483068	34798	16810	132117	0.127233	2.5091	212328	0.0459	6.102	0.125930	80
85+	*1.000000	17988	17988	80211	0.224260	4.4591	80211	0.0459	4.459	0.223056	85+

**TABLE 4**  
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1959		1964		1969		MALES	FEMALES
Birth	28.30	28.73	27.85	25.89	25.10	24.26	23.52	25.67	24.86	27.74	27.07
Death	6.18	6.52	5.82	6.94	6.22	7.46	6.64	8.08	7.18	8.15	7.48
Increase	22.12	22.21	22.03	18.94	18.89	16.80	16.88	17.59	17.68		19.5919
PERCENTAGE											
under 15	32.53	32.97	32.08	35.23	34.34	34.27	33.41	32.35	31.49	34.44	33.77
15-64	63.01	62.99	63.03	60.28	60.39	60.44	60.71	61.34	61.62	59.49	59.28
65 and over	4.46	4.04	4.89	4.50	5.27	5.29	5.87	6.31	6.89	6.07	6.94
DEP. RATIO X 100	58.70	58.75	58.66	65.90	65.58	65.46	64.71	63.02	62.29	68.08	68.68

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				FEMALES		BIRTHS BY AGE OF MOTHER		DEATHS		AGE AT LAST BIRTHDAY
		MALES		FEMALES		BOTH SEXES	MALES	FEMALES				
		Number	%	Number	%							
0	45110	23159	2.7	21951	2.6	0	1478	807	671	0		
1-4	176200	90717	10.4	85483	10.1	0	290	147	143	1-4		
5-9	210905	108567	12.5	102338	12.1	0	103	60	43	5-9		
10-14	159930	82120	9.4	77810	9.2	7	77	48	29	10-14		
15-19	122573	63335	7.3	59238	7.0	3438	146	114	32	15-19		
20-24	131360	67886	7.8	63474	7.5	13762	177	135	42	20-24		
25-29	123900	61577	7.1	62323	7.4	12698	136	88	48	25-29		
30-34	124730	60792	7.0	63938	7.6	8593	149	85	64	30-34		
35-39	109862	56107	6.4	53755	6.4	3904	177	93	84	35-39		
40-44	108378	51673	5.9	56705	6.7	1052	265	127	138	40-44		
45-49	116604	59277	6.8	57327	6.8	246	421	222	199	45-49		
50-54	89212	47610	5.5	41602	4.9	0	582	342	240	50-54		
55-59	71661	36738	4.2	34923	4.1	0	814	468	346	55-59		
60-64	46293	24182	2.8	22111	2.6	0	894	523	371	60-64		
65-69	34731	16417	1.9	18314	2.2	0	1102	597	505	65-69		
70-74	21828	10027	1.2	11801	1.4	0	1111	570	541	70-74		
75-79	13182	6284	0.7	6898	0.8	0	1060	548	512	75-79		
80-84	6410	2815	0.3	3595	0.4	22499 M.	825	386	439	80-84		
85+	2238	891	0.1	1347	0.2	21201 F.	505	209	296	85+		
TOTAL	1715107	870174		844933		43700	10312	5569	4743	TOTAL		

<i>x</i>	$n^u_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	<i>x</i>
0	0.033938	100000	3394	97451	0.034825	0.2489	6849207	0.0008	68.492	0.034846	0
1	0.006445	96606	623	384620	0.001619	1.1012	6751756	0.0008	69.889	0.001620	1
5	0.002733	95984	262	479262	0.000547	2.5000	6367136	0.0318	66.336	0.000553	5
10	0.002988	95721	286	478015	0.000598	2.9337	5887874	0.0530	61.511	0.000585	10
15	0.008987	95435	858	475167	0.001805	2.6578	5409859	0.0175	56.686	0.001800	15
20	0.009893	94578	936	470509	0.001989	2.4573	4934691	0.0010	52.176	0.001989	20
25	0.007113	93642	666	466485	0.001428	2.4100	4464182	0.0095	47.673	0.001429	25
30	0.006969	92976	648	463280	0.001399	2.5314	3997698	0.0079	42.997	0.001398	30
35	0.008271	92328	764	459828	0.001661	2.6285	3534418	0.0145	38.281	0.001658	35
40	0.012219	91564	1119	455215	0.002458	2.6709	3074590	0.0000	33.578	0.002458	40
45	0.018589	90445	1681	448451	0.003749	2.7541	2619374	0.0040	28.961	0.003745	45
50	0.035708	88764	3170	436664	0.007259	2.7419	2170923	0.0402	24.457	0.007183	50
55	0.062638	85595	5361	415648	0.012899	2.7011	1734260	0.0543	20.261	0.012739	55
60	0.104024	80233	8346	381711	0.021865	2.6691	1318612	0.0504	16.435	0.021628	60
65	0.168799	71887	12134	330490	0.036716	2.6147	936901	0.0504	13.033	0.036365	65
70	0.251468	59753	15026	262028	0.057344	2.5552	606410	0.0504	10.149	0.056847	70
75	0.360390	44727	16119	183237	0.087969	2.4938	344382	0.0504	7.700	0.087206	75
80	0.508597	28608	14550	105192	0.138316	2.4705	161145	0.0504	5.633	0.137123	80
85+	1.000000	14058	14058	55953	0.251245	3.9802	55953	0.0504	3.980	0.234567	85+

<i>x</i>	$n^u_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	<i>x</i>
0	0.029867	100000	2987	97810	0.030535	0.2667	7151665	0.0014	71.517	0.030568	0
1	0.006649	97013	645	386193	0.001670	1.1160	7053856	0.0014	72.710	0.001673	1
5	0.002064	96368	199	481344	0.000413	2.5000	6667663	0.0315	69.189	0.000420	5
10	0.001869	96169	180	480410	0.000374	2.5702	6186319	0.0543	64.327	0.000373	10
15	0.002703	95990	259	479328	0.000541	2.6096	5705909	0.0198	59.443	0.000540	15
20	0.003303	95730	316	477882	0.000662	2.5707	5226581	0.0000	54.597	0.000662	20
25	0.003844	95414	367	476186	0.000770	2.5905	4748699	0.0000	49.769	0.000770	25
30	0.005004	95047	476	474124	0.001003	2.6625	4272513	0.0137	44.952	0.001001	30
35	0.007800	94571	738	471151	0.001566	2.6863	3798389	0.0104	40.164	0.001563	35
40	0.012099	93834	1135	466511	0.002434	2.6591	3327239	0.0000	35.459	0.002434	40
45	0.017312	92698	1605	459789	0.003490	2.6926	2860727	0.0273	30.861	0.003471	45
50	0.028753	91094	2619	449489	0.005827	2.7172	2400938	0.0434	26.357	0.005769	50
55	0.049005	88474	4336	432416	0.010027	2.7038	1951449	0.0527	22.057	0.009908	55
60	0.081541	84139	6861	404742	0.016951	2.6750	1519033	0.0481	18.054	0.016779	60
65	0.130687	77278	10099	362627	0.027850	2.6471	1114290	0.0481	14.419	0.027575	65
70	0.208260	67179	13991	302317	0.046278	2.6001	751663	0.0481	11.189	0.045844	70
75	0.316273	53188	16822	224555	0.074912	2.5398	449346	0.0481	8.448	0.074224	75
80	0.473098	36366	17205	139306	0.123503	2.5283	224791	0.0481	6.181	0.122115	80
85+	*1.000000	19161	19161	85485	0.224150	4.4613	85485	0.0481	4.461	0.219748	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1962		1967		1972		MALES	FEMALES
Birth	25.48	25.86	25.09	23.97	23.25	24.34	23.59	26.28	25.44	26.40	25.70
Death	6.01	6.40	5.61	6.93	6.10	7.56	6.63	8.19	7.22	8.36	7.65
Increase	19.47	19.46	19.48	17.05	17.15	16.78	16.96	18.09	18.22	18.04	18.0449
PERCENTAGE											
under 15	34.53	35.00	34.04	34.70	33.73	32.54	31.65	31.48	30.61	33.29	32.55
15-64	60.90	60.81	61.00	60.46	60.83	61.59	61.89	61.61	62.07	60.13	59.91
65 and over	4.57	4.19	4.97	4.83	5.43	5.87	6.47	6.91	7.32	6.58	7.54
DEP. RATIO X 100	64.19	64.44	63.94	65.39	64.38	62.37	61.58	62.32	61.10	66.31	66.92

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				BIRTHS		DEATHS		AGE AT LAST BIRTHDAY
		MALES		FEMALES		BY AGE OF MOTHER		MALES	FEMALES	
		Number	%	Number	%					
0	44235	22720	2.4	21515	2.3					
1-4	175738	90436	9.5	85302	9.2			1234	685	549
5-9	233901	120339	12.6	113562	12.2			261	141	120
10-14	203446	104678	11.0	98768	10.6			125	74	51
15-19	136732	70458	7.4	66274	7.1		17	78	50	28
20-24	133677	68875	7.2	64802	7.0	3150	103	71	32	10-14
25-29	131385	66871	7.0	64514	6.9	13659	106	71	35	15-19
30-34	124851	60656	6.3	64195	6.9	13729	124	68	56	20-24
35-39	128539	64436	6.7	64103	6.9	8636	121	63	58	25-29
40-44	102451	50162	5.2	52289	5.6	4445	191	103	88	30-34
45-49	124689	61118	6.4	63571	6.8	1077	214	114	100	35-39
50-54	109341	56784	5.9	52557	5.7	268	418	210	208	40-44
55-59	81482	42522	4.5	38960	4.2	0	671	388	283	45-49
60-64	61972	31660	3.3	30312	3.3	0	849	507	342	50-54
65-69	37826	19151	2.0	18675	2.0	0	1051	628	423	55-59
70-74	27864	12565	1.3	15299	1.6	0	1135	626	509	60-64
75-79	15879	7376	0.8	8503	0.9	0	1216	611	605	65-69
80-84	8057	3512	0.4	4545	0.5	22979 M.	1039	533	506	70-74
85+	2961	1196	0.1	1765	0.2	22002 F.	879	417	462	75-79
TOTAL	1885026	955515		929511			589	254	335	80-84
										85+
						44981	10404	5614	4790	TOTAL

TABLE 1  
DATA

x	$n^q_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{e}_x$	$nM_x$	x
0	0.029492	100000	2949	97819	0.030150	0.2606	7049866	0.0000	70.499	0.030150	0
1	0.006208	97051	603	386462	0.001559	1.1107	6952046	0.0000	71.633	0.001559	1
5	0.003063	96448	295	481503	0.000614	2.5000	6565584	0.0069	68.074	0.000615	5
10	0.002407	96153	231	480225	0.000482	2.6700	6084082	0.0529	63.275	0.000478	10
15	0.005050	95921	484	478450	0.001012	2.6115	5503857	0.0410	58.421	0.001008	15
20	0.005141	95437	491	475957	0.001031	2.4988	5125408	0.0042	53.705	0.001031	20
25	0.005072	94946	482	473527	0.001017	2.4995	4649450	0.0117	48.969	0.001017	25
30	0.005182	94465	490	471156	0.001039	2.6144	4175923	0.0026	44.206	0.001039	30
35	0.007985	93975	750	468118	0.001603	2.6568	3704767	0.0174	39.423	0.001598	35
40	0.011309	93225	1054	463660	0.002274	2.6623	3236649	0.0030	34.719	0.002273	40
45	0.017049	92171	1571	457345	0.003436	2.7673	2772990	0.0000	30.085	0.003436	45
50	0.033894	90599	3071	446060	0.006884	2.7414	2315645	0.0291	25.559	0.006833	50
55	0.058604	87528	5130	425826	0.012046	2.6964	1869585	0.0459	21.360	0.011923	55
60	0.095960	82399	7907	393534	0.020092	2.6654	1443759	0.0614	17.522	0.019836	60
65	0.153118	74492	11406	345178	0.033044	2.6082	1050225	0.0614	14.099	0.032688	65
70	0.219236	63086	13831	281651	0.049106	2.5577	705047	0.0614	11.176	0.048627	70
75	0.309384	49255	15239	208590	0.073056	2.5270	423396	0.0614	8.596	0.072261	75
80	0.464609	34016	15804	131190	0.120469	2.5392	214806	0.0614	6.315	0.118736	80
85+	*1.000000	18212	18212	83616	0.217806	4.5912	83616	0.0614	4.591	0.212375	85+

TABLE 2  
MALE LIFE TABLE

x	$n^q_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{e}_x$	$nM_x$	x
0	0.025049	100000	2505	98166	0.025517	0.2678	7331322	0.0000	73.313	0.025517	0
1	0.005604	97495	546	388405	0.001407	1.1170	7233156	0.0000	74.190	0.001407	1
5	0.002236	96949	217	484202	0.000448	2.5000	6844751	0.0072	70.602	0.000449	5
10	0.001419	96732	137	483320	0.000284	2.5262	6360550	0.0535	65.754	0.000283	10
15	0.002423	96595	234	482414	0.000485	2.6093	5877230	0.0417	60.844	0.000483	15
20	0.002698	96361	260	481192	0.000540	2.6460	5394816	0.0021	55.986	0.000540	20
25	0.004331	96101	416	479499	0.000868	2.5858	4913624	0.0001	51.130	0.000868	25
30	0.004508	95684	431	477394	0.000903	2.6147	4434125	0.0000	46.341	0.000903	30
35	0.006862	95253	654	474730	0.001377	2.6496	3956732	0.0192	41.539	0.001373	35
40	0.009520	94600	901	470927	0.001912	2.7008	3482002	0.0000	36.808	0.001912	40
45	0.016238	93699	1522	465019	0.003272	2.7154	3011075	0.0000	32.136	0.003272	45
50	0.026837	92177	2474	455197	0.005434	2.6998	2546056	0.0433	27.621	0.005385	50
55	0.043410	89704	3894	439495	0.008860	2.6827	2090859	0.0460	23.309	0.008778	55
60	0.068623	85810	5889	415670	0.014166	2.7280	1651365	0.0574	19.245	0.013955	60
65	0.129363	79921	10339	375169	0.027538	2.6364	1235695	0.0574	15.461	0.027256	65
70	0.181942	69582	12660	317220	0.039909	2.5757	860526	0.0574	12.367	0.039545	70
75	0.262404	56922	14937	248255	0.060167	2.5659	543306	0.0574	9.545	0.059508	75
80	0.414119	41986	17387	168474	0.103203	2.6158	295051	0.0574	7.027	0.101650	80
85+	*1.000000	24599	24599	126577	0.194337	5.1457	126577	0.0574	5.146	0.189802	85+

TABLE 4  
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1965		1970		1975		MALES	FEMALES
Birth	23.86	24.05	23.67	23.03	22.62	24.68	24.20	26.56	25.99	25.90	25.30
Death	5.52	5.88	5.15	6.61	5.86	7.28	6.46	7.87	7.06	7.88	7.28
Increase	18.34	18.17	18.52	16.42	16.76	17.40	17.74	18.69	18.92		18.0173
PERCENTAGE											
under 15	34.87	35.39	34.33	33.23	32.40	30.97	30.35	31.07	30.56	32.81	32.23
15-64	60.22	60.02	60.42	61.05	61.27	62.19	62.32	60.88	60.87	60.01	59.61
65 and over	4.91	4.58	5.25	5.72	6.33	6.84	7.33	8.05	8.57	7.18	8.17
DEP. RATIO X 100	66.06	66.60	65.52	63.80	63.21	60.79	60.46	64.25	64.28	66.64	67.77

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Jewish Population

AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION				BIRTHS		DEATHS		AGE AT LAST BIRTHDAY
		MALES		FEMALES		BY AGE OF MOTHER	BOTH SEXES	MALES	FEMALES	
		Number	%	Number	%					
0	46004	23697	2.2	22307	2.1	0	1054	598	456	0
1-4	184798	94673	8.8	90125	8.6	0	178	83	95	1-4
5-9	237904	122509	11.5	115395	11.0	0	95	64	31	5-9
10-14	245448	126359	11.8	119089	11.4	0	80	50	30	10-14
15-19	201609	104714	9.8	96895	9.3	3409	160	110	50	15-19
20-24	137031	70014	6.5	67017	6.4	13846	121	81	40	20-24
25-29	137027	68490	6.4	6537	6.6	14263	106	66	40	25-29
30-34	131627	63877	6.0	67750	6.5	9180	140	80	60	30-34
35-39	133004	62860	5.9	70144	6.7	4272	207	109	98	35-39
40-44	129060	65104	6.1	63956	6.1	1189	257	142	125	40-44
45-49	113133	54618	5.1	58515	5.6	225	403	208	195	45-49
50-54	126557	64497	6.0	62060	5.9	0	802	436	366	50-54
55-59	98636	52649	4.9	45987	4.4	0	1080	636	444	55-59
60-64	76085	38959	3.6	37126	3.6	0	1442	812	630	60-64
65-69	49940	25340	2.4	24600	2.4	0	1538	860	678	65-69
70-74	32975	16048	1.5	16927	1.6	0	1627	856	771	70-74
75-79	20312	9426	0.9	10886	1.0	0	1524	723	801	75-79
80-84	10083	4482	0.4	5601	0.5	23998 M.	1190	534	656	80-84
85+	3597	1519	0.1	2078	0.2	22386 F.	723	304	419	85+
TOTAL	2114830	1069835		1044995			12737	6752	5985	TOTAL

$x$	$nq_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{l}_x$	$nM_x$	$\omega$
0	0.024747	100000	2475	98066	0.025235	0.2185	7068600	0.0000	70.686	0.025235	0
1	0.003498	97525	341	389105	0.000877	1.0799	6970534	0.0000	71.474	0.000877	1
5	0.002609	97184	254	485287	0.000522	2.5000	6581429	0.0000	67.721	0.000522	5
10	0.001985	96931	192	484226	0.000397	2.7791	6096142	0.0151	62.892	0.000396	10
15	0.005285	96738	511	482488	0.001060	2.6476	5611916	0.0581	58.011	0.001050	15
20	0.005764	96227	555	479737	0.001156	2.4807	5129428	0.0414	53.306	0.001157	20
25	0.004808	95672	460	477220	0.000964	2.5183	4649691	0.0081	48.600	0.000964	25
30	0.006249	95212	595	474649	0.001254	2.6250	4172471	0.0073	43.823	0.001252	30
35	0.008634	94617	817	471133	0.001734	2.6084	3697822	0.0000	39.082	0.001734	35
40	0.010876	93800	1020	466646	0.002186	2.6909	3226689	0.0117	34.400	0.002181	40
45	0.018879	92780	1752	459941	0.003808	2.7391	2760043	0.0000	29.748	0.003808	45
50	0.033291	91029	3030	448289	0.006760	2.7383	2300102	0.0000	25.268	0.006760	50
55	0.059291	87998	5217	428050	0.012189	2.7114	1851813	0.0376	21.044	0.012080	55
60	0.100560	82781	8324	394466	0.021103	2.6650	1423762	0.0590	17.199	0.020842	60
65	0.158612	74456	11810	344128	0.034318	2.6160	1029296	0.0590	13.824	0.033938	65
70	0.237877	62647	14902	276744	0.053848	2.5514	685169	0.0590	10.937	0.053938	70
75	0.324400	47744	15488	200019	0.077434	2.5011	408425	0.0590	8.554	0.076703	75
80	0.464612	32256	14987	124185	0.120679	2.5248	208406	0.0590	6.461	0.119144	80
85+	*1.000000	17270	17270	84220	0.205053	4.8768	84220	0.0590	4.877	0.200132	85+

$x$	$nq_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{l}_x$	$nM_x$	$\omega$
0	0.020138	100000	2014	98511	0.020442	0.2607	7284344	0.0000	72.843	0.020442	0
1	0.004204	97986	412	390755	0.001054	1.1108	7185832	0.0000	73.335	0.001054	1
5	0.001342	97574	131	487544	0.000269	2.5000	6795078	0.0000	69.640	0.000269	5
10	0.001263	97443	123	486934	0.000253	2.7061	6307533	0.0172	64.730	0.000252	10
15	0.002597	97320	253	486004	0.000520	2.6371	5820599	0.0570	59.809	0.000516	15
20	0.002982	97067	289	484620	0.000597	2.5210	5334595	0.0340	54.958	0.000597	20
25	0.002914	96778	282	483214	0.000584	2.6012	4849975	0.0000	50.114	0.000584	25
30	0.004419	96496	426	481495	0.000886	2.6893	4366762	0.0000	45.253	0.000886	30
35	0.006968	96070	669	478780	0.001398	2.6571	3885267	0.0044	40.442	0.001397	35
40	0.009760	95400	931	474859	0.001961	2.6998	3406487	0.0160	35.707	0.001954	40
45	0.016538	94469	1562	468811	0.003332	2.7377	2931628	0.0000	31.033	0.003332	45
50	0.029210	92907	2714	458320	0.005921	2.7102	2462817	0.0180	26.508	0.005898	50
55	0.047676	90193	4300	441124	0.009748	2.7116	2004498	0.0410	22.225	0.009655	55
60	0.082454	85893	7082	413007	0.017148	2.6763	1563373	0.0491	18.201	0.016969	60
65	0.130622	78811	10294	369797	0.027838	2.5438	1150366	0.0491	14.597	0.027561	65
70	0.207069	68516	14188	308520	0.045986	2.5992	780568	0.0491	11.392	0.045549	70
75	0.313834	54329	17050	229623	0.074253	2.5355	472049	0.0491	8.689	0.073581	75
80	0.458485	37278	17092	144317	0.118431	2.5382	242426	0.0491	6.503	0.117122	80
85+	*1.000000	20187	20187	98109	0.205759	4.8600	98109	0.0491	4.860	0.201636	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION						STABLE POPULATION	
	BOTH SEXES	MALES	FEMALES	1968		1973		1978		MALES	FEMALES
				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES		
Birth	21.93	22.43	21.42	23.59	22.57	25.85	24.76	26.41	25.34	24.34	23.84
Death	6.02	6.31	5.73	7.13	6.43	7.74	6.97	8.14	7.41	8.26	7.77
Increase	15.91	16.12	15.69	16.46	16.13	18.11	17.79	18.26	17.93		16.0788
PERCENTAGE											
under 15	33.77	34.33	33.20	31.46	30.43	30.71	29.69	31.68	30.54	31.50	31.01
15-64	60.70	60.36	61.05	62.09	62.77	61.75	62.68	59.86	60.71	60.87	60.66
65 and over	5.53	5.31	5.75	6.45	6.80	7.55	7.64	8.46	8.75	7.63	8.33
DEP. RATIO X 100	64.74	65.67	63.80	61.06	59.32	61.96	59.55	67.06	64.71	64.29	64.86