

# World Population

*An Analysis of Vital Data*

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**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	1005425	512013	2.5	493412	2.3	0	115879	62601	53278	0	
1-4	3561325	1812151	9.0	1749174	8.3	0	58996	29974	29022	1-4	
5-9	4479009	2275751	11.3	2203258	10.5	0	11678	5987	5691	5-9	
10-14	3234148	1643417	8.2	1590731	7.5	85	6249	3167	3082	10-14	
15-19	4010411	2014688	10.0	1995723	9.5	66981	12749	6356	6393	15-19	
20-24	3820875	1904759	9.5	1916116	9.1	206652	16007	8087	7920	20-24	
25-29	3228546	1570810	7.8	1657736	7.9	284422	14273	6895	7378	25-29	
30-34	2878439	1355629	6.7	1522810	7.2	232796	13518	6589	6929	30-34	
35-39	2519726	1145219	5.7	1374507	6.5	157170	13454	6598	6856	35-39	
40-44	2346943	1072014	5.3	1274929	6.0	67891	14891	7448	7443	40-44	
45-49	2128061	993223	4.9	1134838	5.4	7210	16889	8938	7951	45-49	
50-54	1890142	905793	4.5	984349	4.7	283	20538	11197	9341	50-54	
55-59	1668742	810404	4.0	858338	4.1	0	25923	14016	11907	55-59	
60-64	1440043	695575	3.5	744468	3.5	0	34378	18289	16089	60-64	
65-69	1230919	596928	3.0	633991	3.0	0	47563	24663	22900	65-69	
70-74	901325	431794	2.1	465531	2.2	0	58091	29606	28485	70-74	
75-79	540685	256959	1.3	283726	1.3	0	58818	29275	29543	75-79	
80-84	251795	115684	0.6	136111	0.6	525949 M.	43918	21065	22853	80-84	
85+	88879	38380	0.2	50499	0.2	497541 F.	25593	11706	13887	85+	
TOTAL	41225438	20151191		21074247		1023490	609405	312457	296948	TOTAL	

**TABLE 2**  
MALE LIFE TABLE

$x$	$nq_x$	$l_x$	$n'd_x$	$nL_x$	$n_m_x$	$n'a_x$	$T_x$	$r_x$	$i_x$	$nM_x$	$z$
0	0.113120	100000	11312	92723	0.121997	0.3567	5380024	0.0033	53.800	0.122264	0
1	0.063150	88688	5601	339251	0.016509	1.2323	5287301	0.0033	59.617	0.016541	1
5	0.012707	83087	1056	412797	0.002558	2.5000	4948050	0.0290	59.552	0.002631	5
10	0.009596	82032	787	408235	0.001928	2.5572	4535253	0.0098	55.287	0.001927	10
15	0.015658	81244	1272	403228	0.003155	2.6466	4127018	0.0000	50.798	0.003155	15
20	0.021037	79972	1682	395745	0.004251	2.5531	3723790	0.0208	46.564	0.004246	20
25	0.021729	78290	1701	387230	0.004393	2.5196	3328045	0.0295	42.509	0.004389	25
30	0.024053	76589	1842	378427	0.004868	2.5481	2940815	0.0267	38.398	0.004860	30
35	0.028445	74746	2126	368551	0.005769	2.5628	2562389	0.0177	34.281	0.005761	35
40	0.034187	72620	2483	357096	0.006952	2.5811	2193838	0.0071	30.210	0.006948	40
45	0.044086	70138	3092	343280	0.009007	2.6042	1836742	0.0076	26.188	0.009099	45
50	0.060097	67046	4029	325603	0.012375	2.6111	1493462	0.0077	22.275	0.012362	50
55	0.083171	63016	5241	302632	0.017318	2.6245	1167859	0.0084	18.533	0.017295	55
60	0.123965	57775	7162	271865	0.026344	2.6249	865228	0.0108	14.976	0.026293	60
65	0.188358	50613	9533	230257	0.041403	2.6076	593363	0.0108	11.724	0.041317	65
70	0.294171	41080	12084	175876	0.068710	2.5569	363105	0.0108	8.839	0.068565	70
75	0.442711	28955	12837	112441	0.114162	2.4654	187230	0.0108	6.457	0.113929	75
80	0.615916	16159	9952	54531	0.182508	2.3612	74789	0.0108	4.628	0.182090	80
85+	*1.000000	6206	6206	20258	0.306370	3.2640	20258	0.0108	3.264	0.305003	85+

**TABLE 3**  
FEMALE LIFE TABLE

$x$	$nq_x$	$l_x$	$n'd_x$	$nL_x$	$n_m_x$	$n'a_x$	$T_x$	$r_x$	$i_x$	$nM_x$	$z$
0	0.100884	100000	10088	93645	0.107730	0.3701	5592347	0.0036	55.923	0.107979	0
1	0.063366	89512	5697	344029	0.016561	1.2588	5498702	0.0036	61.157	0.016592	1
5	0.012474	84214	1050	418445	0.002510	2.5000	5154673	0.0288	61.209	0.002583	5
10	0.009647	83164	802	413867	0.001939	2.5672	4736228	0.0075	56.951	0.001937	10
15	0.015896	82362	1309	408713	0.003203	2.6365	4322361	0.0000	52.480	0.003203	15
20	0.020479	81052	1660	401203	0.004137	2.5551	3913648	0.0145	48.285	0.004133	20
25	0.022017	79392	1748	392610	0.004452	2.5104	3512445	0.0186	44.242	0.004451	25
30	0.022504	77644	1747	383879	0.004552	2.5147	3119835	0.0141	40.181	0.004550	30
35	0.024654	75897	1871	374888	0.004991	2.5429	2735956	0.0127	36.048	0.004988	35
40	0.028807	74026	2132	364925	0.005844	2.5596	2361068	0.0133	31.895	0.005838	40
45	0.034518	71893	2482	353492	0.007020	2.5921	1996143	0.0186	27.765	0.007006	45
50	0.046524	69412	3229	339397	0.009515	2.6273	1642651	0.0181	23.665	0.009490	50
55	0.067323	66182	4456	320427	0.013905	2.6467	1303254	0.0135	19.692	0.013872	55
60	0.103133	61727	6366	293715	0.021674	2.6564	982827	0.0143	15.922	0.021611	60
65	0.166831	55261	9236	254937	0.036228	2.6323	689112	0.0143	12.448	0.036120	65
70	0.265206	46125	12233	201040	0.060847	2.5815	434176	0.0143	9.413	0.060667	70
75	0.413707	33892	14021	134283	0.104418	2.4911	233136	0.0143	6.879	0.104125	75
80	0.585373	19871	11632	69070	0.186407	2.3964	98853	0.0143	4.975	0.187899	80
85+	*1.000000	8239	8239	29783	0.276634	3.6149	29783	0.0143	3.615	0.274996	85+

**TABLE 4**  
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1936		1941		1946		MALES	FEMALES
Birth	24.83	26.10	23.61	26.17	23.80	25.53	23.36	24.82	22.85	22.84	22.08
Death	14.78	15.51	14.09	15.29	14.10	15.19	14.22	15.04	14.31	16.69	15.93
Increase	10.04	10.59	9.52	10.87	9.70	10.35	9.15	9.78	8.55		6.1480
PERCENTAGE											
under 15	29.79	30.98	28.64	32.02	29.68	30.63	28.47	29.85	27.85	27.36	26.80
15-64	62.90	61.87	63.89	60.99	62.80	62.52	63.98	63.41	64.48	63.98	63.49
65 and over	7.31	7.14	7.47	7.00	7.52	6.86	7.55	6.74	7.67	8.66	9.70
DEP. RATIO X 100	58.98	61.62	56.53	63.97	59.23	59.96	56.29	57.71	55.10	56.30	57.49

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	946131	482451	2.3	463680	2.1	0	96690	53192	43498	0	
1-4	3403852	1731494	8.4	1672358	7.6	0	47466	24503	22963	1-4	
5-9	4353829	2207551	10.7	2146278	9.8	0	9817	4970	4847	5-9	
10-14	4459738	2256522	10.9	2203216	10.1	131	7428	3853	3575	10-14	
15-19	3052065	1541397	7.5	1510668	6.9	25373	8571	4475	4096	15-19	
20-24	3706767	1750330	8.5	1956437	8.9	208314	13842	6919	6923	20-24	
25-29	3561361	1712946	8.3	1848415	8.4	292305	13634	6717	6917	25-29	
30-34	3074793	1488083	7.2	1586710	7.3	220734	13084	6689	6395	30-34	
35-39	2767182	1293305	6.3	1473877	6.7	149738	13897	7272	6625	35-39	
40-44	2415970	1092578	5.3	1323392	6.0	60441	14567	7618	6949	40-44	
45-49	2243997	1023304	5.0	1220693	5.6	5501	16941	9026	7915	45-49	
50-54	2029651	947187	4.6	1082464	4.9	149	21045	11345	9700	50-54	
55-59	1760045	842552	4.1	917493	4.2	0	26788	14692	12096	55-59	
60-64	1515870	731137	3.5	784733	3.6	0	35660	19036	16624	60-64	
65-69	1229199	587985	2.9	641214	2.9	0	46827	24246	22581	65-69	
70-74	969488	463895	2.3	505593	2.3	0	61198	31048	30150	70-74	
75-79	605727	283034	1.4	322693	1.5	493466 M.	62910	31098	31812	75-79	
80-84	286924	130286	0.6	156638	0.7	469220 F.	48715	23479	25236	80-84	
85+	110769	46302	0.2	64467	0.3		30556	13543	17013	85+	
TOTAL	42493358	20612339		21881019		962686	589636	303721	285915	TOTAL	

TABLE 2  
MALE LIFE TABLE

x	$nL_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	x
0	0.102710	100000	10271	93349	0.110029	0.3524	5539473	0.0030	55.395	0.110254	0
1	0.054371	85729	4879	345375	0.014126	1.2245	5446125	0.0030	60.695	0.014151	1
5	0.011194	84850	950	421877	0.002251	2.5000	5100749	0.0000	60.115	0.002251	5
10	0.008525	83501	715	417767	0.001712	2.5739	4678872	0.0338	55.767	0.001707	10
15	0.014470	83185	1204	413103	0.002914	2.6540	4261105	0.0225	51.224	0.002903	15
20	0.019575	81982	1605	405971	0.003953	2.5464	3848003	0.0000	46.937	0.003953	20
25	0.019424	80377	1561	398012	0.003923	2.5201	3442032	0.0122	42.824	0.003921	25
30	0.022273	78816	1755	389810	0.004503	2.5689	3044020	0.0235	38.622	0.004495	30
35	0.027800	77060	2142	380115	0.005636	2.5794	2654210	0.0252	34.443	0.005623	35
40	0.034336	74918	2572	368363	0.006983	2.5797	2274095	0.0164	30.355	0.006972	40
45	0.043213	72345	3126	354216	0.008826	2.5974	1905731	0.0052	26.342	0.008820	45
50	0.058287	65219	4035	336497	0.011990	2.6207	1551515	0.0070	22.415	0.011978	50
55	0.083825	65185	5464	312950	0.017460	2.6257	1215018	0.0079	18.640	0.017437	55
60	0.122781	59721	7333	281184	0.026077	2.6245	902068	0.0088	15.105	0.026036	60
65	0.187926	52388	9845	238352	0.041305	2.6041	620884	0.0088	11.852	0.041236	65
70	0.287989	42543	12252	182751	0.067041	2.5544	382532	0.0088	8.992	0.066929	70
75	0.430552	30291	13042	118499	0.110059	2.4730	199781	0.0088	6.595	0.109874	75
80	0.612450	17249	10564	58511	0.180552	2.3746	81282	0.0088	4.712	0.180211	80
85+	*1.000000	6685	6685	22772	0.293564	3.4064	22772	0.0088	3.406	0.292493	85+

TABLE 3  
FEMALE LIFE TABLE

x	$nL_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	x
0	0.088374	100000	8837	94402	0.093615	0.3665	5827939	0.0032	58.279	0.093810	0
1	0.052839	91163	4817	351410	0.013708	1.2514	5733537	0.0032	62.894	0.013731	1
5	0.011228	86346	970	429304	0.002258	2.5000	5382127	0.0000	62.332	0.002258	5
10	0.008096	85376	691	425189	0.001626	2.5521	4952822	0.0331	58.012	0.001623	10
15	0.013489	84685	1142	420730	0.002715	2.6412	4527633	0.0092	53.464	0.002711	15
20	0.017541	83543	1465	414129	0.003539	2.5540	4106903	0.0000	49.159	0.003539	20
25	0.018547	82077	1522	406610	0.003744	2.5196	3692775	0.0172	44.991	0.003742	25
30	0.019967	80555	1608	398802	0.004033	2.5303	3286165	0.0186	40.794	0.004030	30
35	0.022246	78946	1756	390424	0.004498	2.5468	2887363	0.0136	36.574	0.004495	35
40	0.025951	77190	2003	381078	0.005256	2.5674	2496939	0.0135	32.348	0.005251	40
45	0.031974	75187	2404	370175	0.006494	2.6039	2115861	0.0134	28.141	0.006484	45
50	0.044002	72783	3203	356338	0.008988	2.6340	1745687	0.0193	23.985	0.008961	50
55	0.064157	69580	4464	337447	0.013229	2.6580	1389349	0.0183	19.968	0.013184	55
60	0.101168	65116	6588	310169	0.021239	2.6604	1051902	0.0125	16.154	0.021184	60
65	0.162941	58529	9537	270094	0.035309	2.6355	741733	0.0125	12.673	0.035216	65
70	0.261110	48992	12792	213979	0.059783	2.5782	471639	0.0125	9.627	0.059633	70
75	0.396065	36200	14337	145086	0.098820	2.4952	257660	0.0125	7.118	0.098583	75
80	0.569942	21862	12460	77132	0.161543	2.4175	112574	0.0125	5.149	0.161111	80
85+	*1.000000	9402	9402	35442	0.265281	3.7696	35442	0.0125	3.770	0.263902	85+

TABLE 4  
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1941		1946		1951		POPULATION	
				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
Birth	22.65	23.94	21.44	23.30	20.97	23.05	20.84	23.11	21.00	20.51	19.57
Death	13.88	14.73	13.07	14.54	13.12	14.49	13.28	14.47	13.49	16.78	15.84
Increase	8.78	9.21	8.38	8.76	7.85	8.56	7.56	8.64	7.51		3.7263
PERCENTAGE											
under 15	30.98	32.40	29.64	30.14	27.61	28.64	26.32	27.93	25.82	25.51	24.75
15-64	61.49	60.27	62.63	62.62	64.59	64.20	65.74	64.96	65.91	64.79	64.20
65 and over	7.54	7.33	7.73	7.24	7.80	7.16	7.94	7.12	8.28	9.70	11.04
DEP. RATIO X 100	62.64	65.92	59.66	59.70	54.83	55.76	52.12	53.95	51.73	54.35	55.75

**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	825729	422729	1.8	403000	1.7	0	56328	30879	25449	0
1-4	3507479	1796829	7.8	1710650	7.1	0	15531	8014	7517	1-4
5-9	3864780	1576760	8.6	1888020	7.8	0	3540	1989	1551	5-9
10-14	4211476	2138691	9.3	2072785	8.6	102	3067	1734	1333	10-14
15-19	4012193	2015100	8.8	1997093	8.3	32078	4452	2602	1850	15-19
20-24	4030403	2011910	8.8	2018493	8.4	206211	6000	3460	2540	20-24
25-29	3900287	1885359	8.2	2014928	8.3	286402	6704	3666	3038	25-29
30-34	2782227	1324726	5.8	1457501	6.0	168088	6225	3643	2582	30-34
35-39	3378386	1629527	7.1	1748859	7.2	126892	7795	3964	3831	35-39
40-44	3363656	1642561	7.2	1721095	7.1	50462	11621	6678	4943	40-44
45-49	2853155	1383782	6.0	1469373	6.1	4033	15157	9072	6085	45-49
50-54	2476839	1160088	5.1	1316751	5.5	66	19744	11632	8112	50-54
55-59	2106532	934164	4.1	1172368	4.9	0	25167	14125	11042	55-59
60-64	1865050	828980	3.6	1036070	4.3	0	33798	18078	15720	60-64
65-69	1523798	686349	3.0	837449	3.5	0	45309	23061	22248	65-69
70-74	1111470	512964	2.2	598506	2.5	0	57767	28969	28798	70-74
75-79	724981	331733	1.4	393248	1.6		62951	30734	32217	75-79
80-84	346003	152877	0.7	193126	0.8	448990 M.	50704	23984	26720	80-84
85+	158350	64982	0.3	93368	0.4	425344 F.	37649	16653	20996	85+
TOTAL	47042794	22900111		24142683		874334	469509	242937	226572	TOTAL

**TABLE 2**  
MALE LIFE TABLE

$x$	$nq_x$	$l_x$	$n d_x$	$nL_x$	$n m_x$	$n a_x$	$T_x$	$r_x$	$e_x$	$n M_x$	$x$
0	0.069380	100000	6938	94981	0.073047	0.2766	6383166	0.0000	63.832	0.073047	0
1	0.017614	93062	1639	367535	0.004460	1.1251	6288185	0.0000	67.570	0.004460	1
5	0.005013	91423	458	455968	0.001005	2.5000	5920650	0.0018	64.761	0.001006	5
10	0.004046	90964	368	453928	0.000811	2.5709	5464682	0.0000	60.075	0.000811	10
15	0.006441	90596	584	451607	0.001292	2.6439	5010754	0.0048	55.309	0.001291	15
20	0.008567	90013	771	448196	0.001720	2.5767	4559147	0.0050	50.650	0.001720	20
25	0.009719	89242	867	444131	0.001953	2.6048	4110951	0.0397	46.065	0.001944	25
30	0.013663	88374	1208	438892	0.002751	2.5322	3666820	0.0121	41.492	0.002750	30
35	0.012093	87167	1054	433310	0.002433	2.6050	3227928	0.0000	37.032	0.002433	35
40	0.020191	86113	1739	426568	0.004076	2.7018	2794618	0.0121	32.453	0.004066	40
45	0.032455	84374	2738	415500	0.006591	2.6734	2368049	0.0280	28.066	0.006556	45
50	0.049223	81636	4018	398746	0.010078	2.6525	1952550	0.0289	23.918	0.010027	50
55	0.073188	77617	5681	374606	0.015164	2.6269	1553804	0.0182	20.019	0.015120	55
60	0.103957	71937	7478	341901	0.021873	2.6220	1179198	0.0177	16.392	0.021808	60
65	0.156092	64458	10061	298405	0.033717	2.6259	837297	0.0177	12.990	0.033600	65
70	0.249214	54397	13556	239209	0.056672	2.5823	538892	0.0177	9.907	0.056474	70
75	0.377421	40841	15414	165798	0.092969	2.5084	299683	0.0177	7.338	0.092677	75
80	0.557750	25426	14182	90089	0.157418	2.4388	133886	0.0177	5.266	0.156884	80
85+	1.000000	11245	11245	43797	0.256750	3.8948	43797	0.0177	3.895	0.256270	85+

**TABLE 3**  
FEMALE LIFE TABLE

$x$	$nq_x$	$l_x$	$n d_x$	$nL_x$	$n m_x$	$n a_x$	$T_x$	$r_x$	$e_x$	$n M_x$	$x$
0	0.060444	100000	6044	95716	0.063149	0.2912	6742403	0.0000	67.424	0.063149	0
1	0.017359	93956	1631	371158	0.004394	1.1399	6646687	0.0000	70.743	0.004394	1
5	0.004098	92325	378	460678	0.000821	2.5000	6275529	0.0003	67.972	0.000821	5
10	0.003210	91946	295	459003	0.000643	2.5320	5814852	0.0000	63.242	0.000643	10
15	0.004623	91651	424	457254	0.000927	2.6362	5355849	0.0017	58.437	0.000926	15
20	0.006273	91227	572	454761	0.001258	2.5942	4898595	0.0000	53.696	0.001258	20
25	0.007528	90655	682	451616	0.001511	2.5678	4443834	0.0311	49.019	0.001508	25
30	0.008828	89973	794	447938	0.001773	2.5759	3992218	0.0124	44.371	0.001772	30
35	0.010896	89178	972	443560	0.002191	2.6000	3544280	0.0000	39.744	0.002191	35
40	0.014292	88207	1261	438053	0.002878	2.6352	3100719	0.0144	35.153	0.002872	40
45	0.020582	86946	1790	430534	0.004157	2.6551	2662667	0.0225	30.624	0.004141	45
50	0.030451	85157	2593	419722	0.006178	2.6627	2232132	0.0162	26.212	0.006161	50
55	0.046209	82563	3815	403949	0.009445	2.6754	1812410	0.0141	21.952	0.009419	55
60	0.073713	78748	5805	380347	0.015262	2.6926	1408462	0.0259	17.886	0.015173	60
65	0.125862	72944	9181	343438	0.026732	2.6822	1028114	0.0259	14.095	0.026566	65
70	0.216953	63763	13833	285878	0.048390	2.6191	684676	0.0259	10.738	0.048116	70
75	0.342315	49929	17092	207534	0.082355	2.5361	398798	0.0259	7.987	0.081925	75
80	0.511394	32838	16793	120797	0.139019	2.4870	191264	0.0259	5.825	0.138355	80
85+	1.000000	16045	16045	70467	0.227691	4.3919	70467	0.0259	4.392	0.224874	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	18.59	19.61	17.62	19.57	17.65	19.35	17.54	18.70	17.05	16.63	15.78
Death	9.98	10.61	9.38	10.88	9.92	11.21	10.50	11.48	11.02	14.98	14.13
Increase	8.61	9.00	8.23	8.68	7.74	8.14	7.04	7.22	6.03		1.6515
PERCENTAGE											
under 15	26.38	27.66	25.16	26.23	23.86	25.93	23.72	25.04	23.06	22.55	21.61
15-64	65.41	64.70	66.08	65.89	66.55	66.11	66.04	66.60	66.11	65.12	64.03
65 and over	8.22	7.64	8.76	7.87	9.59	7.96	10.24	8.37	10.83	12.33	14.36
DEP. RATIO X 100	52.89	54.56	51.34	51.76	50.26	51.27	51.42	50.16	51.26	53.57	56.18

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	895649	457773	1.9	437876	1.7	0	38998	21823	17175	0
1-4	3408790	1744111	7.1	1664679	6.5	0	6429	3411	3018	1-4
5-9	4040228	2064608	8.3	1975620	7.7	0	2340	1356	984	5-9
10-14	4172928	2138033	8.6	2034895	7.9	254	2116	1306	810	10-14
15-19	3791057	1935005	7.8	1856052	7.2	34939	3119	2220	899	15-19
20-24	4063353	2057710	8.3	2005643	7.8	222417	4065	2775	1290	20-24
25-29	3834300	1919303	7.8	1914997	7.4	296940	4376	2766	1610	25-29
30-34	3811535	1902130	7.7	1909405	7.4	217272	5479	3337	2142	30-34
35-39	3742780	1827120	7.4	1915660	7.4	118830	7241	4324	2917	35-39
40-44	2783984	1335360	5.4	1448624	5.6	32184	7532	4471	3061	40-44
45-49	3221579	1559228	6.3	1662351	6.4	2752	14318	8789	5529	45-49
50-54	3153183	1532385	6.2	1620798	6.3	112	22224	14136	8088	50-54
55-59	2633644	1253055	5.1	1380509	5.4	0	29978	19256	10722	55-59
60-64	2202146	1000428	4.0	1201718	4.7	0	39175	23841	15334	60-64
65-69	1764943	748874	3.0	1016069	3.9	0	49187	26966	22221	65-69
70-74	1388165	585379	2.4	802786	3.1	0	63080	31842	31238	70-74
75-79	924047	389130	1.6	534917	2.1	475107 M.	72076	34528	37548	75-79
80-84	470762	199661	0.8	271101	1.1	450593 F.	63390	29721	33669	80-84
85+	218017	84959	0.3	133018	0.5		51066	21839	29227	85+
TOTAL	50521090	24734292		25786798		925700	486189	258707	227482	TOTAL

x	$n^q_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	z
0	0.045884	100000	4588	96489	0.047553	0.2349	6682244	0.0032	66.832	0.047672	0
1	0.007744	95412	739	379497	0.001947	1.0908	6586754	0.0032	69.035	0.001956	1
5	0.003276	94673	310	472588	0.000656	2.5000	6207257	0.0019	65.565	0.000651	5
10	0.003053	94363	288	471140	0.000611	2.6650	5734669	0.0057	60.773	0.000617	10
15	0.005723	94074	538	469097	0.001148	2.6318	5263529	0.0028	55.951	0.001147	15
20	0.006721	93536	629	466136	0.001349	2.5427	4794432	0.0000	51.258	0.001349	20
25	0.007183	92907	667	462906	0.001442	2.5554	4328296	0.0064	46.587	0.001441	25
30	0.008738	92240	806	459272	0.001755	2.6069	3865390	0.0031	41.906	0.001754	30
35	0.011821	91434	1081	454614	0.002378	2.6347	3406118	0.0330	37.252	0.002367	35
40	0.016653	90353	1505	448294	0.003356	2.6926	2951504	0.0123	32.666	0.003348	40
45	0.027824	88849	2472	438564	0.005637	2.7028	2503210	0.0000	28.174	0.005637	45
50	0.045280	86377	3911	422870	0.009249	2.6958	2064646	0.0121	23.903	0.009225	50
55	0.074541	82465	6147	397943	0.015447	2.6600	1641775	0.0268	19.909	0.015367	55
60	0.113100	76318	8632	361075	0.023905	2.6231	1243833	0.0180	16.298	0.023831	60
65	0.166138	67687	11245	311354	0.036117	2.5920	882758	0.0180	13.042	0.036009	65
70	0.240883	56441	13596	249129	0.054573	2.5670	571403	0.0180	10.124	0.054396	70
75	0.364557	42846	15620	175417	0.089043	2.5153	322275	0.0180	7.522	0.088731	75
80	0.541414	27226	14741	98625	0.149459	2.4557	146857	0.0180	5.394	0.148857	80
85+	*1.000000	12485	12485	48232	0.258863	3.8630	48232	0.0180	3.863	0.256932	85+

x	$n^q_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	z
0	0.037996	100000	3800	97142	0.039114	0.2479	7204757	0.0036	72.048	0.039223	0
1	0.007181	96200	691	382799	0.001805	1.1005	7107615	0.0036	73.883	0.001813	1
5	0.002484	95510	237	476955	0.000497	2.5000	6724816	0.0024	70.410	0.000498	5
10	0.001988	95272	189	475887	0.000398	2.4920	6247862	0.0058	65.579	0.000398	10
15	0.002419	95083	230	474863	0.000484	2.6043	5771975	0.0010	60.705	0.000484	15
20	0.003211	94853	305	473538	0.000643	2.6141	5297112	0.0000	55.846	0.000643	20
25	0.004197	94548	397	471796	0.000841	2.6166	4823574	0.0041	51.017	0.000841	25
30	0.005594	94151	527	469506	0.001122	2.6250	4351779	0.0000	46.221	0.001122	30
35	0.007613	93625	713	466436	0.001528	2.6322	3882272	0.0261	41.466	0.001523	35
40	0.010535	92912	979	462280	0.002117	2.6712	3415836	0.0119	36.764	0.002113	40
45	0.016502	91933	1517	456135	0.003326	2.6726	2953556	0.0000	32.127	0.003326	45
50	0.024725	90416	2236	446879	0.005002	2.6735	2497422	0.0134	27.621	0.004990	50
55	0.038314	88180	3379	433092	0.007801	2.6882	2050543	0.0217	23.254	0.007766	55
60	0.062345	84802	5287	411823	0.012838	2.6950	1617451	0.0272	19.073	0.012760	60
65	0.104719	79515	8327	378316	0.022010	2.6871	1205628	0.0272	15.162	0.021870	65
70	0.179316	71188	12765	325964	0.039161	2.6516	827312	0.0272	11.621	0.038912	70
75	0.301558	58423	17618	249475	0.070620	2.5797	501348	0.0272	8.581	0.070194	75
80	0.478039	40805	19506	156026	0.125020	2.5393	251873	0.0272	6.173	0.124193	80
85+	*1.000000	21299	21299	95847	0.222215	4.5002	95847	0.0272	4.500	0.219722	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION				
	BOTH SEXES	MALES	FEMALES	1966		1976		MALES	FEMALES			
Birth	18.32	19.21	17.47	18.57	16.91	17.98	16.41	17.58	16.10	17.03	15.91	
Death	9.62	10.46	8.82	10.82	9.57	11.14	10.21	11.49	10.71	13.43	12.31	
Increase	8.70	8.75	8.65	7.75	7.34	6.83	6.20	6.09	5.38		3.5966	
PERCENTAGE VITAL RATES	under 15	24.78	25.89	23.71	25.27	23.21	25.12	23.13	24.67	22.79	23.54	22.19
	15-64	65.79	65.99	65.60	66.23	65.26	65.79	64.58	65.37	63.94	64.92	63.13
	65 and over	9.43	8.12	10.69	8.50	11.53	9.09	12.30	9.96	13.26	11.54	14.68
DEP. RATIO X 100	52.00	51.54	52.44	50.99	53.23	52.01	54.85	52.97	56.39	54.03	58.41	

**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	954000	488000	1.9	466000	1.8	0	36671	20474	16197	0
1-4	3535000	1809000	7.1	1726000	6.5	0	5255	2809	2446	1-4
5-9	4117000	2100000	8.2	2017000	7.6	0	2085	1288	797	5-9
10-14	4028000	2055000	8.0	1973000	7.4	65	1754	1076	678	10-14
15-19	4114000	2092000	8.2	2022000	7.6	27041	3220	2334	886	15-19
20-24	3981000	2011000	7.9	1970000	7.4	197798	3702	2592	1110	20-24
25-29	3917000	1969000	7.7	1948000	7.3	338925	4013	2598	1415	25-29
30-34	3867000	1928000	7.5	1939000	7.3	252537	5052	3202	1850	30-34
35-39	3829000	1892000	7.4	1937000	7.3	142595	7050	4367	2683	35-39
40-44	3520000	1698000	6.6	1822000	6.9	52655	10082	6198	3884	40-44
45-49	2659000	1284000	5.0	1375000	5.2	4347	10939	6723	4216	45-49
50-54	3349000	1633000	6.4	1716000	6.5	157	22409	14183	8226	50-54
55-59	2853000	1371000	5.4	1482000	5.6	0	31677	20608	11069	55-59
60-64	2338000	1085000	4.2	1253000	4.7	0	41444	26243	15201	60-64
65-69	1859000	795000	3.1	1064000	4.0	0	50944	28867	22077	65-69
70-74	1438000	604000	2.4	834000	3.1	0	63446	32639	30807	70-74
75-79	988000	410000	1.6	578000	2.2		72833	34476	38357	75-79
80-84	522000	217000	0.8	305000	1.1	521377 M.	63993	29043	34950	80-84
85+	262000	104000	0.4	158000	0.6	494743 F.	53481	22562	30919	85+
TOTAL	52130000	25545000		26585000		1016120	490050	262282	227768	TOTAL

**TABLE 2**  
MALE LIFE TABLE

x	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{e}_x$	$nM_x$	x
0	0.040439	100000	4044	96862	0.041749	0.2240	6771220	0.0062	67.712	0.041955	0
1	0.006125	95956	588	382110	0.001538	1.0835	6674358	0.0062	69.556	0.001553	1
5	0.003053	95368	291	476114	0.000612	2.5000	6292248	0.0103	65.978	0.000613	5
10	0.002615	95077	249	474814	0.000524	2.6982	5816134	0.0000	61.173	0.000524	10
15	0.005565	94829	528	472898	0.001116	2.6411	5341320	0.0011	56.326	0.001116	15
20	0.006425	94301	606	470008	0.001289	2.5304	4868422	0.0048	51.626	0.001289	20
25	0.006577	93695	616	466969	0.001320	2.5555	4398414	0.0028	46.944	0.001319	25
30	0.008274	93079	770	463561	0.001661	2.6205	3931446	0.0023	42.238	0.001661	30
35	0.011500	92309	1062	459075	0.002312	2.6748	3467885	0.0103	37.568	0.002308	35
40	0.018201	91247	1661	452345	0.003671	2.6575	3008810	0.0351	32.974	0.003650	40
45	0.025866	89586	2317	442567	0.005236	2.6848	2556465	0.0000	28.536	0.005236	45
50	0.042580	87269	3716	427843	0.008685	2.7120	2113898	0.0000	24.223	0.008685	50
55	0.072993	83553	6099	403597	0.015111	2.6768	1686055	0.0253	20.179	0.015031	55
60	0.114797	77454	8892	366164	0.024283	2.6262	1282458	0.0223	16.558	0.024187	60
65	0.167483	68563	11483	315101	0.036443	2.5867	916294	0.0223	13.364	0.036311	65
70	0.239460	57080	13668	251989	0.054242	2.5557	601192	0.0223	10.533	0.054038	70
75	0.348728	43411	15139	179322	0.084422	2.5074	349203	0.0223	8.044	0.084088	75
80	0.502393	28273	14204	105630	0.134469	2.4843	169882	0.0223	6.009	0.133838	80
85+	*1.000000	14069	14069	64252	0.218961	4.5670	64252	0.0223	4.567	0.216942	85+

**TABLE 3**  
FEMALE LIFE TABLE

x	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\dot{e}_x$	$nM_x$	x
0	0.033689	100000	3369	97421	0.034581	0.2345	7316597	0.0065	73.166	0.034758	0
1	0.005594	96631	541	384952	0.001404	1.0906	7219176	0.0065	74.709	0.001417	1
5	0.001965	96091	189	479981	0.000393	2.5000	6834224	0.0098	71.123	0.000395	5
10	0.001717	95902	165	479102	0.000344	2.5262	6354243	0.0000	66.258	0.000344	10
15	0.002189	95737	210	478184	0.000438	2.6036	5875142	0.0000	61.367	0.000438	15
20	0.002814	95528	269	476994	0.000564	2.6053	5396958	0.0032	56.496	0.000563	20
25	0.003626	95259	345	475468	0.000726	2.6103	4919964	0.0009	51.648	0.000726	25
30	0.004760	94913	452	473501	0.000954	2.6417	4444496	0.0000	46.827	0.000954	30
35	0.006909	94462	653	470790	0.001386	2.6750	3970995	0.0048	42.038	0.001385	35
40	0.010661	93809	1000	466703	0.002143	2.6585	3500204	0.0321	37.312	0.002132	40
45	0.015230	92809	1413	460753	0.003068	2.6719	3033502	0.0028	32.685	0.003066	45
50	0.023705	91395	2167	451952	0.004794	2.6805	2572748	0.0000	28.150	0.004794	50
55	0.036883	89229	3291	438528	0.007505	2.6857	2120797	0.0236	23.768	0.007469	55
60	0.059351	85938	5100	417929	0.012204	2.6944	1682269	0.0269	19.575	0.012132	60
65	0.099601	80837	8051	385588	0.020881	2.6900	1264340	0.0269	15.641	0.020749	65
70	0.170963	72786	12444	334755	0.037173	2.6555	878752	0.0269	12.073	0.036939	70
75	0.287343	60342	17339	259763	0.066749	2.5807	543997	0.0269	9.015	0.066362	75
80	0.445585	43003	19162	166388	0.115162	2.5707	284235	0.0269	6.610	0.114590	80
85+	1.000000	23842	23842	117846	0.202311	4.9429	117846	0.0269	4.943	0.195689	85+

**TABLE 4**  
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1969		1974		1979		MALES	FEMALES
Birth	19.49	20.41	18.61	19.65	17.93	18.94	17.32	18.32	16.80	18.53	17.37
Death	9.40	10.27	8.57	10.75	9.38	11.04	9.93	11.32	10.36	12.14	10.98
Increase	10.09	10.14	10.04	8.90	8.56	7.90	7.39	7.00	6.44		6.3874
PERCENTAGE											
under 15	24.24	25.26	23.25	25.70	23.66	26.12	24.06	26.00	24.02	25.26	23.87
15-64	66.04	66.40	65.69	65.45	64.45	64.33	63.19	63.63	62.24	64.14	62.49
65 and over	9.72	8.34	11.06	8.85	11.89	9.55	12.75	10.37	13.74	10.59	13.64
DEP. RATIO X 100	51.42	50.59	52.23	52.80	55.15	55.44	58.26	57.16	60.66	55.90	60.03