

# World Population

*An Analysis of Vital Data*

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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	60175	31028	1.9	29147	1.8	0	1599	927	672	0
1-4	255107	131370	8.0	123737	7.4	0	374	209	165	1-4
5-9	280629	143939	8.8	136690	8.2	0	208	133	75	5-9
10-14	214951	109476	6.7	105475	6.4	0	110	70	40	10-14
15-19	202673	103197	6.3	99476	6.0	1859	151	101	50	15-19
20-24	226704	115841	7.1	110863	6.7	12735	271	188	83	20-24
25-29	258659	131396	8.0	127263	7.7	18239	320	198	122	25-29
30-34	265764	133133	8.1	132631	8.0	15666	372	233	139	30-34
35-39	250695	126041	7.7	124654	7.5	9382	450	277	173	35-39
40-44	235320	117200	7.2	118120	7.1	3604	570	328	242	40-44
45-49	216912	105675	6.5	111237	6.7	352	806	462	344	45-49
50-54	200787	97105	5.9	103682	6.2	6	1145	671	474	50-54
55-59	170584	82238	5.0	88346	5.3	0	1494	851	643	55-59
60-64	138319	64935	4.0	73384	4.4	0	1890	1015	875	60-64
65-69	111182	50700	3.1	60482	3.6	0	2499	1306	1193	65-69
70-74	89560	40726	2.5	48834	2.9	0	3434	1697	1737	70-74
75-79	62084	27754	1.7	34330	2.1	0	4155	1972	2183	75-79
80-84	34460	14604	0.9	19856	1.2	31976 M.	3980	1774	2206	80-84
85+	21307	8606	0.5	12701	0.8	29867 F.	4786	1969	2817	85+
TOTAL	3295872	1634564		1660908		61843	28614	14381	14233	TOTAL

x	$n^d_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^d_x$	$T_x$	$r_x$	$e_x$	$nM_x$	x
0	0.029233	100000	2923	97848	0.029876	0.2638	7058561	0.0000	70.586	0.029876	0
1	0.006335	97077	615	386532	0.001591	1.1135	6960713	0.0000	71.703	0.001591	1
5	0.004577	96462	441	481205	0.000917	2.5000	6574182	0.0384	68.153	0.000924	5
10	0.003194	96020	307	479340	0.000640	2.5176	6092977	0.0325	63.455	0.000639	10
15	0.004883	95714	467	477496	0.000979	2.7065	5613637	0.0000	58.650	0.000979	15
20	0.008083	95246	770	474357	0.001623	2.5654	5136141	0.0000	53.925	0.001623	20
25	0.007506	94476	709	470619	0.001507	2.5139	4661784	0.0000	49.343	0.001507	25
30	0.008715	93767	817	466857	0.001750	2.5785	4191165	0.0024	44.698	0.001750	30
35	0.010942	92950	1017	462304	0.002200	2.5950	3724308	0.0105	40.068	0.002198	35
40	0.013934	91933	1281	456660	0.002805	2.6545	3262004	0.0146	35.482	0.002799	40
45	0.021700	90652	1967	448705	0.004384	2.6847	2805345	0.0143	30.946	0.004372	45
50	0.034109	88685	3025	436357	0.006932	2.6640	2356640	0.0180	26.573	0.006910	50
55	0.050764	85660	4348	418080	0.010401	2.6501	1920282	0.0296	22.418	0.010348	55
60	0.075735	81311	6158	392165	0.015703	2.6630	1502202	0.0232	18.475	0.015631	60
65	0.121965	75153	9166	354185	0.025879	2.6455	1110037	0.0232	14.770	0.025759	65
70	0.190353	65987	12561	300008	0.041868	2.6174	755852	0.0232	11.455	0.041669	70
75	0.304070	53426	16245	227540	0.071395	2.5629	455843	0.0232	8.532	0.071053	75
80	0.469769	37181	17466	142961	0.122176	2.5414	228303	0.0232	6.140	0.121474	80
85+	*1.000000	19715	19715	85342	0.231007	4.3289	85342	0.0232	4.329	0.228794	85+

x	$n^d_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^d_x$	$T_x$	$r_x$	$e_x$	$nM_x$	x
0	0.022676	100000	2268	98352	0.023056	0.2731	7397938	0.0000	73.979	0.023056	0
1	0.005314	97732	519	389435	0.001333	1.1218	7299587	0.0000	74.689	0.001333	1
5	0.002710	97213	263	485407	0.000543	2.5000	6910152	0.0364	71.082	0.000549	5
10	0.001893	96950	184	484286	0.000379	2.4767	6424744	0.0313	66.269	0.000379	10
15	0.002510	96766	243	483261	0.000503	2.6519	5940459	0.0000	61.390	0.000503	15
20	0.003737	96523	361	481760	0.000749	2.6253	5457198	0.0000	56.538	0.000749	20
25	0.004782	96163	460	479693	0.000959	2.5632	4975438	0.0000	51.740	0.000959	25
30	0.005227	95703	500	477305	0.001048	2.5831	4495746	0.0010	46.976	0.001048	30
35	0.006927	95203	659	474461	0.001390	2.6469	4018441	0.0101	42.209	0.001388	35
40	0.010211	94543	965	470464	0.002052	2.6682	3543980	0.0093	37.485	0.002049	40
45	0.015377	93578	1439	464525	0.003098	2.6630	3073516	0.0099	32.845	0.003092	45
50	0.022696	92139	2091	455841	0.004588	2.6795	2608991	0.0182	28.316	0.004572	50
55	0.035986	90047	3240	442754	0.007319	2.6907	2153150	0.0269	23.911	0.007278	55
60	0.058258	86807	5057	422331	0.011974	2.6856	1710396	0.0201	19.703	0.011924	60
65	0.094759	81750	7747	390872	0.019819	2.6922	1288065	0.0201	15.756	0.019725	65
70	0.164899	74003	12203	341458	0.035738	2.6598	897194	0.0201	12.124	0.035569	70
75	0.276765	61800	17104	267794	0.063871	2.5908	555735	0.0201	8.992	0.063589	75
80	0.439811	44696	19658	175989	0.111699	2.5841	287941	0.0201	6.442	0.111099	80
85+	*1.000000	25038	25038	111952	0.223651	4.4713	111952	0.0201	4.471	0.221794	85+

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1956		1961		1966		MALES	FEMALES
Birth	18.76	19.56	17.98	17.55	16.23	16.14	15.00	16.17	15.09	17.13	16.43
Death	8.68	8.80	8.57	9.09	8.82	9.64	9.36	10.23	9.96	11.98	11.28
Increase	10.08	10.76	9.41	8.46	7.41	6.50	5.64	5.94	5.12		5.1464
PERCENTAGE											
under 15	24.60	25.43	23.79	26.53	24.82	25.42	23.83	23.51	22.13	23.82	23.04
15-64	65.73	65.86	65.61	64.22	63.96	64.38	63.97	65.19	64.45	63.21	62.54
65 and over	9.67	8.71	10.61	9.25	11.22	10.21	12.20	11.30	13.42	12.97	14.41
DEP. RATIO X 100	52.13	51.84	52.42	55.72	56.35	55.33	56.33	53.40	55.16	58.21	59.89

**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	61638	31466	1.9	30172	1.8	0	1345	776	569	0
	1-4	241298	124242	7.4	117056	6.9	0	302	178	124	1-4
	5-9	318409	163796	9.7	154613	9.1	0	175	115	60	5-9
	10-14	242653	124126	7.4	118527	6.9	0	108	72	36	10-14
	15-19	204749	104271	6.2	100478	5.9	2369	148	103	45	15-19
	20-24	211140	108112	6.4	103028	6.0	14257	184	139	45	20-24
	25-29	234344	119780	7.1	114564	6.7	18168	235	156	79	25-29
	30-34	268960	135704	8.0	133256	7.8	15534	325	203	122	30-34
	35-39	253275	126971	7.5	126304	7.4	9064	394	236	158	35-39
	40-44	245835	123483	7.3	122352	7.2	3386	555	338	217	40-44
	45-49	224354	110525	6.5	113829	6.7	310	766	449	317	45-49
	50-54	208589	101209	6.0	107380	6.3	3	1147	673	474	50-54
	55-59	186544	89589	5.3	96555	5.7	0	1620	960	660	55-59
	60-64	151212	71786	4.3	79426	4.7	0	2050	1184	866	60-64
	65-69	121237	55745	3.3	65492	3.8	0	2727	1481	1246	65-69
	70-74	91817	41137	2.4	50680	3.0	0	3487	1756	1731	70-74
	75-79	68288	30628	1.8	37660	2.2	0	4406	2120	2286	75-79
	80-84	37534	16232	1.0	21302	1.2	32397 M.	4117	1837	2280	80-84
	85+	22270	8576	0.5	13294	0.8	30694 F.	4798	1955	2843	85+
	TOTAL	3354146	1688178		1705968		63091	28889	14731	14158	TOTAL

**TABLE 2**  
MALE LIFE TABLE

$x$	$n^q_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\hat{e}_x$	$nM_x$	$x$
0	0.024224	100000	2422	98240	0.024658	0.2735	7137847	0.0002	71.378	0.024662	0
1	0.005706	97578	557	388708	0.001432	1.1222	7039606	0.0002	72.144	0.001433	1
5	0.003488	97021	338	484258	0.000699	2.5000	6650898	0.0218	68.551	0.000702	5
10	0.002910	96682	281	482737	0.000583	2.6018	6166640	0.0445	63.782	0.000580	10
15	0.004937	96401	476	480885	0.000990	2.6459	5683903	0.0129	58.961	0.000988	15
20	0.006408	95925	615	478119	0.001286	2.5484	5203017	0.0000	54.240	0.001286	20
25	0.006491	95310	619	475025	0.001302	2.5306	4724899	0.0000	49.574	0.001302	25
30	0.007452	94692	706	471747	0.001496	2.5744	4249874	0.0000	44.881	0.001496	30
35	0.009262	93986	871	467871	0.001861	2.6347	3778127	0.0075	40.199	0.001859	35
40	0.013624	93116	1269	462611	0.002742	2.6615	3310256	0.0111	35.550	0.002737	40
45	0.020185	91847	1854	454951	0.004075	2.6895	2847645	0.0156	31.004	0.004062	45
50	0.032835	89993	2955	443139	0.006668	2.6900	2392693	0.0136	26.588	0.006650	50
55	0.052269	87038	4549	424572	0.010715	2.6661	1949554	0.0234	22.399	0.010668	55
60	0.079788	82489	6582	397028	0.016577	2.6578	1524982	0.0262	18.487	0.016493	60
65	0.125595	75907	9534	357020	0.026703	2.6383	1127954	0.0262	14.860	0.026567	65
70	0.194503	66374	12910	300917	0.042902	2.6026	770934	0.0262	11.615	0.042687	70
75	0.297181	53464	15888	228397	0.069565	2.5503	470017	0.0262	8.791	0.069218	75
80	0.445751	37575	16749	147032	0.113915	2.5614	241620	0.0262	6.430	0.113172	80
85+	*1.000000	20826	20826	94588	0.220177	4.5418	94588	0.0262	4.542	0.217803	85+

**TABLE 3**  
FEMALE LIFE TABLE

$x$	$n^q_x$	$l_x$	$n^d_x$	$n^L_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$\hat{e}_x$	$nM_x$	$x$
0	0.018570	100000	1857	98644	0.018826	0.2701	7512734	0.0022	75.127	0.018859	0
1	0.004215	98143	414	391380	0.001057	1.1190	7414090	0.0022	75.544	0.001059	1
5	0.001925	97729	188	488176	0.000385	2.5000	7022710	0.0211	71.859	0.000388	5
10	0.001520	97541	148	487342	0.000304	2.5420	6534534	0.0427	66.993	0.000304	10
15	0.002239	97393	218	486433	0.000448	2.5609	6047192	0.0136	62.091	0.000448	15
20	0.002182	97175	212	485369	0.000437	2.6137	5560759	0.0000	57.224	0.000437	20
25	0.003442	96963	334	484028	0.000690	2.6432	5075391	0.0000	52.344	0.000690	25
30	0.004568	96629	441	482098	0.000916	2.6259	4591363	0.0000	47.515	0.000916	30
35	0.006243	96188	600	479522	0.001252	2.6402	4109265	0.0073	42.721	0.001251	35
40	0.008845	95587	845	475971	0.001776	2.6757	3629744	0.0085	37.973	0.001774	40
45	0.013863	94742	1313	470676	0.002790	2.6904	3153773	0.0102	33.288	0.002785	45
50	0.021897	93428	2046	462397	0.004424	2.6807	2683097	0.0119	28.718	0.004414	50
55	0.033794	91383	3088	449750	0.006866	2.6804	2220700	0.0230	24.301	0.006835	55
60	0.053462	88294	4720	430624	0.010962	2.7017	1770950	0.0237	20.057	0.010903	60
65	0.091638	83574	7659	400255	0.019134	2.6999	1340326	0.0237	16.038	0.019025	65
70	0.158956	75916	12067	351353	0.034345	2.6611	940071	0.0237	12.383	0.034155	70
75	0.266101	63848	16990	278431	0.061021	2.5980	588718	0.0237	9.221	0.060701	75
80	0.428054	46858	20058	186190	0.107728	2.6019	310287	0.0237	6.622	0.107032	80
85+	*1.000000	26800	26800	124097	0.215963	4.6304	124097	0.0237	4.630	0.213856	85+

**TABLE 4**  
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1959		1964		1969			
RATES PER THOUSAND				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES		
Birth	18.59	19.19	17.99	17.30	16.27	16.74	15.79	17.74	16.77	18.85	18.08
Death	8.51	8.73	8.30	9.23	8.73	9.82	9.33	10.32	9.86	10.65	9.87
Increase	10.08	10.46	9.69	8.06	7.55	6.92	6.46	7.43	6.91		8.2045
PERCENTAGE											
under 15	25.46	26.28	24.64	26.66	25.11	24.84	23.54	24.04	22.90	25.79	24.93
15-64	64.49	64.68	64.31	63.56	63.05	64.35	63.46	64.27	63.05	62.65	61.94
65 and over	10.05	9.05	11.05	9.78	11.84	10.81	13.00	11.69	14.05	11.56	13.13
DEP. RATIO X 100	55.05	54.62	55.49	57.33	58.60	55.40	57.59	55.60	58.60	59.61	61.44

**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	62288	31767	1.8	30521	1.7	0	1304	748	556	0
	1-4	246272	126095	7.3	120177	6.9	0	279	160	119	1-4
	5-9	305590	157320	9.0	148270	8.5	0	159	105	54	5-9
	10-14	299068	153546	8.8	145522	8.3	0	112	77	35	10-14
	15-19	219971	112023	6.4	107948	6.2	2962	143	106	37	15-19
	20-24	198367	101475	5.8	96892	5.5	15423	180	137	43	20-24
	25-29	218786	111757	6.4	107029	6.1	18180	205	143	62	25-29
	30-34	247242	125523	7.2	121319	6.9	14313	272	174	98	30-34
	35-39	264662	132923	7.6	131739	7.5	9114	368	221	147	35-39
	40-44	249047	124938	7.2	124109	7.1	3125	533	335	198	40-44
	45-49	236364	118046	6.8	118318	6.7	286	802	481	321	45-49
	50-54	213983	104163	6.0	109820	6.3	2	1159	717	442	50-54
	55-59	197114	94864	5.5	102250	5.8	0	1687	1040	647	55-59
	60-64	167149	79893	4.6	87256	5.0	0	2328	1411	917	60-64
	65-69	130686	60575	3.5	70111	4.0	0	2926	1637	1289	65-69
	70-74	99904	44837	2.6	55067	3.1		3885	1977	1908	70-74
	75-79	70027	30969	1.8	39058	2.2		4659	2230	2429	75-79
	80-84	42097	18440	1.1	23657	1.3	32519 M.	4694	2142	2552	80-84
	85+	23320	9474	0.5	13846	0.8	30886 F.	5032	2088	2944	85+
	TOTAL	3491937	1739028		1752909		63405	30727	15929	14798	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	0.023146	100000	2315	98300	0.023546	0.2654	7132991	0.0000	71.330	0.023546	0
1	0.005057	97685	494	389316	0.001269	1.1148	7034691	0.0000	72.014	0.001269	1
5	0.003330	97191	324	485148	0.000667	2.5000	6645375	0.0020	68.374	0.000667	5
10	0.002514	96868	244	483758	0.000503	2.6163	6160227	0.0333	63.594	0.000501	10
15	0.004756	96624	460	482056	0.000953	2.6829	5676469	0.0405	58.748	0.000946	15
20	0.006728	96165	647	479237	0.001350	2.5482	5194413	0.0000	54.016	0.001350	20
25	0.006377	95518	609	476066	0.001280	2.5022	4715177	0.0000	49.364	0.001280	25
30	0.006886	94508	654	472944	0.001382	2.5546	4239110	0.0000	44.665	0.001382	30
35	0.008281	94255	781	469447	0.001663	2.6586	3766166	0.0000	39.957	0.001663	35
40	0.013347	93474	1248	464479	0.002686	2.6814	3296719	0.0091	35.269	0.002681	40
45	0.020243	92227	1867	456847	0.004087	2.7034	2832240	0.0138	30.709	0.004075	45
50	0.033980	90360	3070	444709	0.006904	2.6908	2375393	0.0148	26.288	0.006883	50
55	0.053611	87289	4680	425573	0.010996	2.6764	1930684	0.0151	22.118	0.010963	55
60	0.085142	82610	7034	396498	0.017739	2.6469	1505111	0.0239	18.220	0.017661	60
65	0.127547	75576	9640	355068	0.027148	2.6333	1108613	0.0239	14.669	0.027024	65
70	0.200240	65937	13203	298041	0.044300	2.6034	753545	0.0239	11.428	0.044093	70
75	0.307103	52734	16195	223887	0.072334	2.5436	455504	0.0239	8.638	0.072007	75
80	0.454065	36539	16591	141999	0.116839	2.5471	231617	0.0239	6.339	0.116161	80
85+	*1.000000	19548	19948	89618	0.222588	4.4926	89618	0.0239	4.493	0.220393	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	0.017966	100000	1797	98682	0.018206	0.2665	7548040	0.0008	75.480	0.018217	0
1	0.003946	98203	388	391696	0.000989	1.1159	7449358	0.0008	75.856	0.000990	1
5	0.001817	97816	178	488635	0.000364	2.5000	7057662	0.0030	72.152	0.000364	5
10	0.001201	97638	117	487895	0.000240	2.4823	6569027	0.0314	67.279	0.000241	10
15	0.001721	97521	168	487205	0.000344	2.6223	6081131	0.0403	62.357	0.000343	15
20	0.002217	97353	216	486249	0.000444	2.6092	5593926	0.0004	57.460	0.000444	20
25	0.002892	97137	281	485020	0.000579	2.6295	5107677	0.0000	52.582	0.000579	25
30	0.004031	96856	390	483358	0.000808	2.6365	4622657	0.0000	47.727	0.000808	30
35	0.005565	96466	537	481065	0.001116	2.6449	4139298	0.0000	42.909	0.001116	35
40	0.007963	95929	764	477891	0.001598	2.7041	3658233	0.0090	38.135	0.001595	40
45	0.013504	95165	1285	472845	0.002718	2.6802	3180342	0.0095	33.419	0.002713	45
50	0.019976	93880	1875	465044	0.004033	2.6770	2707497	0.0104	28.840	0.004025	50
55	0.031290	92005	2879	453394	0.006349	2.6970	2242453	0.0163	24.373	0.006328	55
60	0.051507	89126	4598	435098	0.010567	2.7094	1789060	0.0236	20.073	0.010509	60
65	0.088740	84528	7501	405516	0.018497	2.7170	1353961	0.0236	16.018	0.018385	65
70	0.161145	77027	12413	356199	0.034847	2.6687	948445	0.0236	12.313	0.034649	70
75	0.271682	64615	17555	280821	0.062512	2.5931	592246	0.0236	9.166	0.062501	75
80	0.430426	47060	20256	186587	0.108560	2.5951	311425	0.0236	6.618	0.107874	80
85+	*1.000000	26804	26804	124838	0.214712	4.6574	124838	0.0236	4.657	0.212625	85+

**TABLE 4**  
OBSERVED AND PROJECTED VITAL RATES

	RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION		
		BOTH SEXES	MALES	FEMALES	1962		1967		1972		MALES
Birth	18.16	18.70	17.62	17.53	16.54	18.29	17.28	19.34	18.30	20.35	19.49
Death	8.80	9.16	8.44	9.70	8.94	10.16	9.45	10.65	9.99	9.84	8.98
Increase	9.36	9.54	9.18	7.83	7.60	8.13	7.83	8.69	8.32		10.5107
PERCENTAGE											
under 15	26.15	26.95	25.36	25.92	24.51	25.11	23.88	25.06	23.88	27.43	26.46
15-64	63.37	63.60	63.13	63.77	63.02	63.73	62.56	63.16	61.78	62.23	61.49
65 and over	10.48	9.45	11.51	10.31	12.47	11.17	13.55	11.79	14.34	10.35	12.05
DEP. RATIO X 100	57.81	57.24	58.39	56.81	58.68	56.92	59.84	58.34	61.87	60.71	62.63

**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	61135	31305	1.8	29830	1.7	0	1153	672	481	0
1-4	247573	126817	7.1	120756	6.7	0	250	145	105	1-4
5-9	302383	155151	8.7	147232	8.2	0	153	99	54	5-9
10-14	317332	162958	9.1	154374	8.6	3	113	73	40	10-14
15-19	258612	132354	7.4	126258	7.0	3801	174	134	40	15-19
20-24	207690	106067	5.9	101623	5.7	17073	179	136	43	20-24
25-29	201102	102426	5.7	98676	5.5	17310	179	133	46	25-29
30-34	224978	114509	6.4	110469	6.1	12979	253	176	77	30-34
35-39	260400	131562	7.4	128838	7.2	8178	376	234	142	35-39
40-44	253997	127179	7.1	126818	7.1	2893	555	346	209	40-44
45-49	243411	122084	6.8	121327	6.8	242	786	486	300	45-49
50-54	223618	110286	6.2	113332	6.3	2	1156	736	420	50-54
55-59	203611	98123	5.5	105488	5.9	0	1762	1094	668	55-59
60-64	180346	85439	4.8	94707	5.3	0	2614	1599	1015	60-64
65-69	143968	67531	3.8	76437	4.3	0	3342	1896	1446	65-69
70-74	107265	48428	2.7	58837	3.3	0	4158	2205	1953	70-74
75-79	73288	31980	1.8	41308	2.3	0	4829	2341	2488	75-79
80-84	45080	19569	1.1	25511	1.4	32125 M.	5044	2333	2711	80-84
85+	25461	10483	0.6	14978	0.8	30356 F.	5461	2319	3142	85+
TOTAL	3581250	1784451		1796799		62481	32537	17157	15380	TOTAL

**TABLE 2**  
MALE LIFE TABLE

x	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	x
0	0.021132	100000	2113	98445	0.021466	0.2642	7129355	0.0000	71.294	0.021466	0
1	0.004558	97887	446	390259	0.001143	1.1138	7030910	0.0000	71.827	0.001143	1
5	0.003185	97441	310	486427	0.000638	2.5000	6640651	0.0000	68.151	0.000638	5
10	0.002244	97130	218	485144	0.000449	2.6745	6154224	0.0153	63.361	0.000448	10
15	0.005087	96912	493	483412	0.001020	2.6686	5669080	0.0420	58.497	0.001012	15
20	0.006398	96419	617	480581	0.001284	2.5429	5185668	0.0244	53.782	0.001282	20
25	0.006472	95802	620	477485	0.001298	2.5376	4705087	0.0000	49.112	0.001298	25
30	0.007656	95182	729	474135	0.001537	2.5619	4227602	0.0000	44.416	0.001537	30
35	0.008856	94454	836	470289	0.001779	2.6339	3753467	0.0000	39.739	0.001779	35
40	0.013528	93617	1266	465126	0.002723	2.6626	3283178	0.0047	35.070	0.002721	40
45	0.019764	92351	1825	457549	0.003989	2.6961	2818052	0.0100	30.515	0.003981	45
50	0.032971	90526	2985	445780	0.006695	2.7057	2360504	0.0149	26.076	0.006674	50
55	0.054506	87541	4772	426702	0.011182	2.6941	1914724	0.0135	21.872	0.011149	55
60	0.089763	82769	7430	396352	0.018745	2.6453	1488022	0.0213	17.978	0.018671	60
65	0.132102	75340	9953	353075	0.028188	2.6264	1091670	0.0213	14.490	0.028076	65
70	0.205950	65387	13467	294563	0.045717	2.5960	738595	0.0213	11.296	0.045532	70
75	0.311210	51521	16158	219850	0.073497	2.5397	444032	0.0213	8.552	0.073202	75
80	0.462681	35762	16547	138083	0.119831	2.5385	224183	0.0213	6.269	0.119220	80
85+	*1.000000	19216	19216	86100	0.223181	4.4807	86100	0.0213	4.481	0.221215	85+

**TABLE 3**  
FEMALE LIFE TABLE

x	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$n^m_x$	$n^a_x$	$T_x$	$r_x$	$e_x$	$nM_x$	x
0	0.015936	100000	1594	98830	0.016125	0.2658	7588635	0.0000	75.886	0.016125	0
1	0.003469	98406	341	392641	0.000870	1.1152	7489805	0.0000	76.111	0.000870	1
5	0.001832	98065	180	489876	0.000367	2.5000	7097164	0.0000	72.372	0.000367	5
10	0.001294	97885	127	489105	0.000259	2.4601	6607288	0.0151	67.500	0.000259	10
15	0.001590	97759	155	488421	0.000318	2.6072	6118184	0.0415	62.585	0.000317	15
20	0.002117	97603	207	487514	0.000424	2.5719	5629762	0.0242	57.680	0.000423	20
25	0.002328	97397	227	486443	0.000466	2.6208	5142248	0.0000	52.797	0.000466	25
30	0.003480	97170	338	485067	0.000697	2.6882	4655805	0.0000	47.914	0.000697	30
35	0.005497	96832	532	482922	0.001102	2.6773	4170737	0.0000	43.072	0.001102	35
40	0.008215	96259	791	479654	0.001649	2.6695	3687815	0.0043	38.295	0.001648	40
45	0.012311	95508	1176	474799	0.002476	2.6676	3208161	0.0087	33.590	0.002473	45
50	0.018413	94333	1737	467679	0.003714	2.7065	2733362	0.0100	28.976	0.003706	50
55	0.031290	92596	2897	456356	0.006349	2.7143	2265683	0.0113	24.469	0.006332	55
60	0.052595	89698	4718	437707	0.010778	2.7140	1809327	0.0238	20.171	0.010717	60
65	0.091125	84981	7744	407052	0.019024	2.6948	1371620	0.0238	16.140	0.018918	65
70	0.154842	77237	11960	358267	0.033382	2.6657	964568	0.0238	12.488	0.033193	70
75	0.264387	65277	17258	285008	0.060554	2.6024	606300	0.0238	9.288	0.060231	75
80	0.425748	48019	20444	191134	0.106961	2.6051	321293	0.0238	6.691	0.106267	80
85+	*1.000000	27575	27575	130159	0.211855	4.7202	130159	0.0238	4.720	0.209774	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	17.45	18.00	16.89	18.06	16.96	19.40	18.23	20.18	18.98	20.77	19.83
Death	9.09	9.61	8.56	10.11	9.13	10.52	9.63	10.96	10.14	9.62	8.68
Increase	8.36	8.39	8.33	7.95	7.83	8.88	8.60	9.22	8.84		11.1549
PERCENTAGE											
under 15	25.92	26.69	25.17	25.42	24.03	25.31	23.96	25.85	24.49	27.93	26.86
15-64	63.04	63.34	62.75	63.76	62.76	63.23	61.92	62.16	60.77	62.15	61.31
65 and over	11.03	5.97	12.08	10.81	13.21	11.46	14.12	11.99	14.74	9.92	11.83
DEP. RATIO X 100	58.62	57.88	59.36	56.83	59.32	58.15	61.49	60.87	64.55	60.91	63.10

**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		61852	31650	1.7	30202	1.6	0	1068	605	463	0	
1-4		244713	125589	6.9	119124	6.5	0	240	159	81	1-4	
5-9		307911	157466	8.6	150445	8.2	0	144	98	46	5-9	
10-14		301976	155249	8.5	146727	8.0	0	114	68	46	10-14	
15-19		312034	160128	8.8	151906	8.3	5662	202	146	56	15-19	
20-24		227594	116373	6.4	111221	6.0	19660	163	128	35	20-24	
25-29		195769	99635	5.5	96134	5.2	16944	159	122	37	25-29	
30-34		210561	106998	5.9	103563	5.6	11699	197	130	67	30-34	
35-39		236580	120184	6.6	116396	6.3	6763	337	219	118	35-39	
40-44		262302	131597	7.2	130705	7.1	2405	586	378	208	40-44	
45-49		246968	123362	6.8	123606	6.7	157	839	518	321	45-49	
50-54		235123	117118	6.4	118005	6.4	0	1277	817	460	50-54	
55-59		208774	100876	5.5	107898	5.9	0	1962	1295	667	55-59	
60-64		188860	89504	4.9	95356	5.4	0	2790	1714	1076	60-64	
65-69		157528	73458	4.0	84070	4.6	0	3894	2328	1566	65-69	
70-74		115653	52351	2.9	63302	3.4	0	5014	2611	2403	70-74	
75-79		79665	34771	1.9	44894	2.4		5857	2787	3070	75-79	
80-84		45409	19312	1.1	26097	1.4	32368 M.	5674	2539	3135	80-84	
85+		27267	11270	0.6	15997	0.9	30922 F.	6333	2656	3677	85+	
TOTAL		3666539	1826891		1839648		63290	36850	19318	17532	TOTAL	

**TABLE 2**  
MALE LIFE TABLE

<i>x</i>	<i>nq<sub>x</sub></i>	<i>l<sub>x</sub></i>	<i>n<sup>d</sup><sub>x</sub></i>	<i>nL<sub>x</sub></i>	<i>n<sup>m</sup><sub>x</sub></i>	<i>n<sup>a</sup><sub>x</sub></i>	<i>T<sub>x</sub></i>	<i>r<sub>x</sub></i>	<i>e<sub>x</sub></i>	<i>nM<sub>x</sub></i>	<i>x</i>
0	0.018859	100000	1886	98658	0.019115	0.2882	7083040	0.0000	70.830	0.019115	0
1	0.005046	98114	495	391039	0.001266	1.1367	6984383	0.0000	71.186	0.001266	1
5	0.003107	97619	303	487337	0.000622	2.5000	6593344	0.0005	67.542	0.000622	5
10	0.002188	97316	213	486076	0.000438	2.6373	6106007	0.0000	62.744	0.000438	10
15	0.004568	97103	444	484472	0.000916	2.6497	5619931	0.0280	57.876	0.000912	15
20	0.005500	96659	532	481997	0.001103	2.5561	5135459	0.0463	53.129	0.001180	20
25	0.006105	96128	587	479181	0.001225	2.5167	4659462	0.0072	48.409	0.001224	25
30	0.006057	95541	579	476315	0.001215	2.5989	4174281	0.0000	43.691	0.001215	30
35	0.009073	94962	862	472816	0.001822	2.6847	3697966	0.0000	38.941	0.001822	35
40	0.014266	94101	1342	467370	0.002872	2.6660	3225150	0.0000	34.273	0.002872	40
45	0.020824	92758	1932	459334	0.004205	2.6926	2757780	0.0072	29.731	0.004199	45
50	0.034444	90827	3128	447051	0.006998	2.7363	2298446	0.0125	25.306	0.006976	50
55	0.062489	87698	5480	425713	0.012873	2.6684	1851395	0.0141	21.111	0.012838	55
60	0.091919	82218	7557	393354	0.019213	2.6531	1425683	0.0168	17.340	0.019150	60
65	0.147808	74661	11035	347098	0.031793	2.6254	1032329	0.0168	13.827	0.031692	65
70	0.223146	63625	14198	283785	0.050030	2.5813	685231	0.0168	10.770	0.049875	70
75	0.335296	45427	16573	206114	0.080406	2.5247	401446	0.0168	8.122	0.080153	75
80	0.491908	32855	16161	122565	0.131860	2.5016	195332	0.0168	5.945	0.131473	80
85+	1.000000	16693	16693	72767	0.229405	4.3591	72767	0.0168	4.359	0.235669	85+

**TABLE 3**  
FEMALE LIFE TABLE

<i>x</i>	<i>nq<sub>x</sub></i>	<i>l<sub>x</sub></i>	<i>n<sup>d</sup><sub>x</sub></i>	<i>nL<sub>x</sub></i>	<i>n<sup>m</sup><sub>x</sub></i>	<i>n<sup>a</sup><sub>x</sub></i>	<i>T<sub>x</sub></i>	<i>r<sub>x</sub></i>	<i>e<sub>x</sub></i>	<i>nM<sub>x</sub></i>	<i>x</i>
0	0.015145	100000	1514	98856	0.015320	0.2446	7546991	0.0008	75.470	0.015330	0
1	0.002712	98486	267	393167	0.000679	1.0979	7448135	0.0008	75.627	0.000680	1
5	0.001527	98218	150	490717	0.000306	2.5000	7054968	0.0013	71.829	0.000306	5
10	0.001566	98068	154	489965	0.000314	2.5611	6564251	0.0000	66.935	0.000314	10
15	0.001842	97915	180	489124	0.000369	2.5001	6074286	0.0274	62.036	0.000369	15
20	0.001573	97735	154	488290	0.000315	2.5102	5585162	0.0454	57.146	0.000315	20
25	0.001925	97581	188	487468	0.000385	2.6784	5096873	0.0067	52.232	0.000385	25
30	0.003230	97393	315	486241	0.000647	2.7007	4609405	0.0000	47.328	0.000647	30
35	0.005057	97078	491	484259	0.001014	2.6915	4123163	0.0000	42.473	0.001014	35
40	0.007928	96587	766	481179	0.001591	2.7034	3638905	0.0000	37.675	0.001591	40
45	0.012925	95822	1238	476234	0.002601	2.6791	3157726	0.0076	32.954	0.002597	45
50	0.019351	94583	1830	468673	0.003905	2.6816	2681492	0.0095	28.351	0.003898	50
55	0.030552	92753	2834	457293	0.006197	2.7161	2212819	0.0106	23.857	0.006182	55
60	0.053044	89919	4770	438674	0.010873	2.7102	1755526	0.0170	19.523	0.010830	60
65	0.089787	85150	7645	408468	0.018717	2.7398	1316852	0.0170	15.465	0.018627	65
70	0.175074	77504	13569	355927	0.038123	2.6716	908384	0.0170	11.720	0.037961	70
75	0.294355	63935	18820	274178	0.068640	2.5824	552458	0.0170	8.641	0.068383	75
80	0.465727	45116	21012	174150	0.120652	2.5524	278280	0.0170	6.168	0.120129	80
85+	*1.000000	24104	24104	104129	0.231482	4.3200	104129	0.0170	4.320	0.229856	85+

**TABLE 4**  
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1968		1973		1978			
				MALES	FEMALES	MALES	FEMALES	MALES	FEMALES		
Birth	17.26	17.72	16.81	15.11	18.12	20.17	19.13	20.48	19.43	21.23	20.27
Death	10.05	10.57	9.53	10.88	9.76	11.20	10.17	11.43	10.50	9.49	8.53
Increase	7.21	7.14	7.28	8.23	8.36	8.97	8.96	9.05	8.92		11.7401
PERCENTAGE											
under 15	25.00	25.72	24.27	25.37	24.08	25.73	24.48	26.74	25.53	28.48	27.38
15-64	63.40	63.81	62.99	63.62	62.40	62.90	61.44	61.48	59.95	62.31	61.46
65 and over	11.61	10.46	12.74	11.02	13.52	11.36	14.09	11.78	14.52	9.21	11.16
DEP. RATIO X 100	57.73	56.71	58.76	57.19	60.26	58.97	62.77	62.66	66.80	60.49	62.71

**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	63507	32639	1.8	30868	1.7	0	1078	612	466	0
1-4	244631	125459	6.8	119172	6.4	0	268	147	121	1-4
5-9	308305	157775	8.6	150530	8.1	0	150	107	43	5-9
10-14	301299	154577	8.4	146722	7.9	0	82	56	26	10-14
15-19	317114	162782	8.8	154332	8.3	6106	198	151	47	15-19
20-24	240513	123350	6.7	117163	6.3	21079	181	142	39	20-24
25-29	199633	101493	5.5	98140	5.3	17883	162	120	42	25-29
30-34	204967	104202	5.7	100765	5.4	11464	207	138	69	30-34
35-39	228991	116240	6.3	112751	6.1	6467	331	223	108	35-39
40-44	262967	132212	7.2	130755	7.1	2415	563	354	209	40-44
45-49	247153	123284	6.7	123869	6.7	156	813	535	278	45-49
50-54	237193	118262	6.4	118931	6.4	0	1266	830	436	50-54
55-59	212132	102951	5.6	109181	5.9	0	1842	1200	642	55-59
60-64	190807	90427	4.9	100380	5.4	0	2791	1746	1045	60-64
65-69	161296	74874	4.1	86422	4.7	0	3933	2297	1636	65-69
70-74	119414	54157	2.9	65257	3.5	0	4692	2498	2194	70-74
75-79	80882	35323	1.9	45559	2.5		5502	2654	2848	75-79
80-84	45710	19265	1.0	26445	1.4	33969 M.	5312	2377	2935	80-84
85+	27825	11553	0.6	16272	0.9	31601 F.	5800	2477	3323	85+
TOTAL	3694339	1840825		1853514		65570	35171	18664	16507	TOTAL

**TABLE 2**  
MALE LIFE TABLE

$x$	$nq_x$	$l_x$	$n d_x$	$n L_x$	$n m_x$	$n a_x$	$T_x$	$r_x$	$e_x$	$n M_x$	$x$
0	0.018457	100000	1846	98674	0.018705	0.2818	7126599	0.0031	71.266	0.018751	0
1	0.004658	98154	457	391305	0.001168	1.1302	7027925	0.0031	71.601	0.001172	1
5	0.003384	97697	331	487659	0.000678	2.5000	6636620	0.0015	67.931	0.000678	5
10	0.001810	97366	176	486417	0.000362	2.6430	6148962	0.0000	63.153	0.000362	10
15	0.004646	97190	452	484901	0.000931	2.6754	5662545	0.0217	58.262	0.000928	15
20	0.005752	96739	556	482326	0.001154	2.5433	5177643	0.0461	53.522	0.001151	20
25	0.005897	96182	567	479509	0.001183	2.5274	4695317	0.0157	48.817	0.001182	25
30	0.006601	95615	631	476568	0.001324	2.6122	4215808	0.0000	44.091	0.001324	30
35	0.009549	94984	907	472781	0.001918	2.6425	3739449	0.0000	39.367	0.001918	35
40	0.013305	94077	1252	467482	0.002678	2.6814	3266459	0.0000	34.721	0.002678	40
45	0.021512	92825	1997	459528	0.004346	2.6974	2798977	0.0066	30.153	0.004340	45
50	0.034611	90828	3144	446906	0.007034	2.6984	2339449	0.0107	25.757	0.007018	50
55	0.056925	87685	4991	426887	0.011693	2.6888	1892543	0.0146	21.584	0.011656	55
60	0.092723	82693	7668	395498	0.019387	2.6567	1465656	0.0206	17.724	0.019308	60
65	0.143394	75026	10758	349423	0.030789	2.6106	1070157	0.0206	14.264	0.030678	65
70	0.208207	64267	13381	289016	0.046298	2.5845	720735	0.0206	11.215	0.046125	70
75	0.318120	50886	16188	214604	0.075432	2.5396	431719	0.0206	8.484	0.075135	75
80	0.474361	34698	16460	132771	0.123970	2.5260	217115	0.0206	6.257	0.123385	80
85+	*1.000000	18239	18239	84345	0.216242	4.6245	84345	0.0206	4.624	0.214403	85+

**TABLE 3**  
FEMALE LIFE TABLE

$x$	$nq_x$	$l_x$	$n d_x$	$n L_x$	$n m_x$	$n a_x$	$T_x$	$r_x$	$e_x$	$n M_x$	$x$
0	0.014904	100000	1490	98942	0.015064	0.2900	7608098	0.0028	76.081	0.015097	0
1	0.004039	98510	398	392900	0.001013	1.1386	7509157	0.0028	76.228	0.001015	1
5	0.001426	98112	140	490209	0.000285	2.5000	7116257	0.0018	72.532	0.000286	5
10	0.000886	97972	87	489644	0.000177	2.5225	6626048	0.0000	67.632	0.000177	10
15	0.001525	97885	149	489068	0.000305	2.6065	6136405	0.0222	62.690	0.000305	15
20	0.001669	97736	163	488283	0.000334	2.5764	5647337	0.0449	57.782	0.000333	20
25	0.002143	97573	209	487376	0.000429	2.6691	5159054	0.0146	52.874	0.000428	25
30	0.003418	97363	333	486038	0.000685	2.6594	4671679	0.0000	47.982	0.000685	30
35	0.004779	97031	464	484085	0.000958	2.6959	4185640	0.0000	43.137	0.000958	35
40	0.007962	96567	769	481039	0.001598	2.6645	3701555	0.0000	38.331	0.001598	40
45	0.011179	95798	1071	476512	0.002247	2.6860	3220516	0.0071	33.618	0.002244	45
50	0.018209	94727	1725	469664	0.003673	2.6974	2744004	0.0088	28.967	0.003666	50
55	0.029084	93002	2705	458852	0.005895	2.7228	2274340	0.0107	24.455	0.005880	55
60	0.051137	90297	4618	441007	0.010470	2.7305	1815488	0.0226	20.106	0.010410	60
65	0.091187	85680	7813	410447	0.019035	2.7023	1374481	0.0226	16.042	0.018930	65
70	0.156711	77867	12203	360936	0.033808	2.6727	964033	0.0226	12.381	0.033621	70
75	0.273044	65664	17929	285330	0.062837	2.6021	603097	0.0226	9.185	0.062512	75
80	0.439749	47735	20991	188033	0.111637	2.5875	317768	0.0226	6.657	0.110984	80
85+	*1.000000	26744	26744	129735	0.206141	4.8511	129735	0.0226	4.851	0.204216	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	17.75	18.45	17.05	15.91	18.42	20.82	19.30	20.89	19.42	21.31	20.35
Death	9.52	10.14	8.91	10.57	9.47	10.96	9.99	11.19	10.38	9.33	8.36
Increase	8.23	8.31	8.14	9.34	8.95	9.86	9.31	9.70	9.04		11.9853
PERCENTAGE											
under 15	24.84	25.56	24.13	25.56	24.04	26.25	24.58	27.50	25.70	28.56	27.40
15-64	63.38	63.84	62.92	63.20	62.04	62.10	60.88	60.45	59.33	62.05	61.16
65 and over	11.78	10.60	12.95	11.23	13.92	11.64	14.54	12.05	14.98	9.39	11.44
DEP. RATIO X 100	57.78	56.64	58.93	58.22	61.18	61.02	64.24	65.42	68.55	61.16	63.52