

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	3821	1869	4.6	1952	4.0	0	313	170	143	0	
1-4	13898	6924	16.9	6974	14.4	0	179	97	82	1-4	
5-9	14041	7024	17.1	7017	14.5	0	5	3	2	5-9	
10-14	10807	5391	13.2	5416	11.2	11	3	1	2	10-14	
15-19	7849	3767	9.2	4082	8.4	651	8	4	4	15-19	
20-24	6301	2771	6.8	3530	7.3	1220	14	6	8	20-24	
25-29	5065	2068	5.0	2997	6.2	1002	16	8	8	25-29	
30-34	4289	1885	4.6	2404	5.0	626	11	5	6	30-34	
35-39	3787	1557	3.8	2230	4.6	388	16	9	7	35-39	
40-44	3394	1432	3.5	1962	4.1	98	17	11	6	40-44	
45-49	3387	1478	3.6	1909	4.0	16	14	8	6	45-49	
50-54	3368	1451	3.5	1917	4.0	4	28	13	15	50-54	
55-59	2412	997	2.4	1415	2.9	0	42	23	19	55-59	
60-64	2240	820	2.0	1420	2.9	0	57	31	26	60-64	
65-69	1541	567	1.4	974	2.0	0	48	22	26	65-69	
70-74	1295	422	1.0	873	1.8		54	26	28	70-74	
75-79	814	248	0.6	566	1.2		45	14	31	75-79	
80-84	558	185	0.5	373	0.8	2015 M.	70	29	41	80-84	
85+	431	116	0.3	315	0.7	2001 F.	92	30	62	85+	
TOTAL	89298	40972		48326			4016	1032	510	522	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	0.086015	100000	8601	94595	0.090930	0.3716	5864802	0.0005	58.648	0.090958	0
1	0.053953	91399	4931	352092	0.014006	1.2619	5770207	0.0005	63.132	0.014009	1
5	0.001600	86467	138	431991	0.000320	2.5000	5418115	0.0355	62.661	0.000427	5
10	0.000977	86329	84	431503	0.000195	3.3160	4986125	0.0619	57.757	0.000185	10
15	0.005433	86245	469	430230	0.001089	2.8797	4554622	0.0655	52.811	0.001062	15
20	0.010938	85776	938	426776	0.002198	2.7572	4124393	0.0576	48.083	0.002165	20
25	0.019177	84838	1627	420156	0.003872	2.5208	3697617	0.0354	43.585	0.003868	25
30	0.013227	83211	1101	413454	0.002662	2.6370	3277461	0.0247	39.387	0.002653	30
35	0.028629	82110	2351	405071	0.005803	2.6688	2864008	0.0220	34.880	0.005780	35
40	0.037678	79759	3005	391222	0.007682	2.4791	2458936	0.0000	30.829	0.007682	40
45	0.026707	76754	2050	378712	0.005413	2.5319	2067715	0.0000	26.939	0.005413	45
50	0.044435	74704	3319	366439	0.009059	2.8661	1689002	0.0282	22.609	0.008959	50
55	0.110425	71385	7883	338816	0.023265	2.7028	1322564	0.0338	18.527	0.023069	55
60	0.173101	63502	10992	290326	0.037862	2.5269	983747	0.0153	15.492	0.037805	60
65	0.177177	52510	9304	239403	0.038861	2.5121	693421	0.0153	13.206	0.038801	65
70	0.266878	43206	11531	186907	0.061693	2.4742	454018	0.0153	10.508	0.061611	70
75	0.248647	31676	7876	139085	0.056627	2.5505	267111	0.0153	8.433	0.056452	75
80	0.564644	23800	13438	85379	0.157395	2.5385	128025	0.0153	5.379	0.156757	80
85+	1.000000	10361	10361	42646	0.242960	4.1159	42646	0.0153	4.116	0.258622	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	0.069825	100000	6982	95650	0.073000	0.3770	6505475	0.0054	65.055	0.073258	0
1	0.045443	93018	4227	360546	0.011724	1.2738	6409826	0.0054	68.910	0.011758	1
5	0.000974	88791	87	443736	0.000195	2.5000	6049280	0.0471	68.130	0.000285	5
10	0.001890	88704	168	443175	0.000378	2.9395	5605543	0.0537	63.194	0.000369	10
15	0.004971	88536	440	441754	0.000996	2.8928	5162369	0.0417	58.308	0.000980	15
20	0.011321	88096	997	438137	0.002276	2.6494	4720614	0.0288	53.585	0.002266	20
25	0.013267	87099	1156	432620	0.002671	2.5125	4282478	0.0359	49.168	0.002669	25
30	0.012416	85943	1067	427084	0.002498	2.5326	3849857	0.0269	44.795	0.002496	30
35	0.015585	84876	1323	421116	0.003141	2.5316	3422774	0.0173	40.327	0.003139	35
40	0.015174	83554	1268	414590	0.003058	2.4937	3001657	0.0125	35.925	0.003058	40
45	0.015607	82286	1284	408606	0.003143	2.8025	2587067	0.0000	31.440	0.003143	45
50	0.038672	81001	3132	397967	0.007871	2.7525	2178461	0.0220	26.894	0.007825	50
55	0.065241	77869	5080	377324	0.013464	2.6339	1780494	0.0168	22.865	0.013428	55
60	0.087910	72789	6399	348624	0.018355	2.6059	1403169	0.0168	19.277	0.018310	60
65	0.125515	66390	8333	311589	0.026743	2.5566	1054546	0.0168	15.884	0.026694	65
70	0.149228	58057	8664	269393	0.032160	2.5886	742957	0.0168	12.797	0.032073	70
75	0.243284	49393	12017	218488	0.054999	2.6301	473564	0.0168	9.588	0.054770	75
80	0.432522	37377	16166	146550	0.110312	2.6185	255077	0.0168	6.824	0.109920	80
85+	1.000000	21210	21210	108527	0.195439	5.1167	108527	0.0168	5.117	0.196826	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	44.97	49.18	41.41	48.41	41.91	49.46	43.81	50.96	46.02	49.54	47.48
Death	11.56	12.45	10.80	11.32	10.02	11.01	9.78	10.82	9.70	10.39	8.33
Increase	33.42	36.73	30.60	37.08	31.88	38.45	34.03	40.13	36.32		39.1496
PERCENTAGE											
under 15	47.67	51.76	44.20	51.45	45.40	50.27	45.65	49.49	45.80	49.16	48.29
15-64	47.14	44.48	49.39	45.14	48.45	46.65	48.79	47.48	48.90	48.88	48.97
65 and over	5.19	3.75	6.42	3.41	6.15	3.08	5.56	3.03	5.29	1.95	2.74
DEP. RATIO X 100	112.15	124.80	102.49	121.52	106.41	114.36	104.96	110.60	104.48	104.56	104.20