

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	134574	69021	2.6	65553	2.5	0	4258	2454	1804	0
	1-4	536777	273646	10.4	263131	10.0	0	694	393	301	1-4
	5-9	624785	319352	12.1	305433	11.6	0	398	252	146	5-9
	10-14	569268	290288	11.0	278980	10.6	25	276	180	96	10-14
	15-19	469307	236809	9.0	232498	8.8	7294	381	272	109	15-19
	20-24	370847	181686	6.9	189161	7.2	37539	409	302	107	20-24
	25-29	362412	180679	6.8	181733	6.9	39157	407	269	138	25-29
	30-34	373228	185257	7.0	187971	7.1	29169	478	302	176	30-34
	35-39	360021	179017	6.8	181004	6.9	17330	721	439	282	35-39
	40-44	308810	152688	5.8	156122	5.9	5691	934	579	355	40-44
	45-49	275535	137979	5.2	137556	5.2	464	1355	857	498	45-49
	50-54	236838	118629	4.5	118209	4.5	7	1867	1206	661	50-54
	55-59	190241	94434	3.6	95807	3.6	0	2478	1583	895	55-59
	60-64	150292	73599	2.8	76693	2.9	0	3021	1881	1140	60-64
	65-69	117146	56791	2.2	60355	2.3	0	3531	2113	1418	65-69
	70-74	88386	41612	1.6	46774	1.8	0	4203	2362	1841	70-74
	75-79	56076	26268	1.0	29808	1.1		4164	2223	1941	75-79
	80-84	29701	13603	0.5	16098	0.6	70364 M.	3563	1777	1786	80-84
	85+	15452	6701	0.3	8751	0.3	66312 F.	3294	1448	1846	85+
	TOTAL	5269696	2638059		2631637		136676	36432	20892	15540	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	0.034612	100000	3461	97348	0.035554	0.2339	6735127	0.0000	67.351	0.035554	0
1	0.005721	96539	552	384548	0.001436	1.0901	6637778	0.0000	68.758	0.001436	1
5	0.003927	95987	377	478991	0.000787	2.5000	6253230	0.0156	65.147	0.000789	5
10	0.003107	95610	297	477342	0.000622	2.6218	5774240	0.0291	60.394	0.000620	10
15	0.005777	95313	551	475288	0.001159	2.6847	5296898	0.0457	55.574	0.001149	15
20	0.008286	94762	785	471877	0.001664	2.5388	4821610	0.0255	50.881	0.001662	20
25	0.007416	93977	697	468136	0.001489	2.4917	4349732	0.0000	46.285	0.001489	25
30	0.008119	93280	757	464596	0.001630	2.6195	3881597	0.0000	41.612	0.001630	30
35	0.012229	92522	1132	459985	0.002460	2.6783	3417001	0.0168	36.932	0.002452	35
40	0.018880	91391	1725	452979	0.003809	2.6962	2957016	0.0220	32.356	0.003792	40
45	0.030738	89665	2756	441982	0.006236	2.6977	2504036	0.0187	27.926	0.006211	45
50	0.049944	86909	4341	424516	0.010225	2.6890	2062055	0.0272	23.727	0.010166	50
55	0.081081	82569	6695	397113	0.016859	2.6503	1637539	0.0305	19.832	0.016763	55
60	0.120875	75874	9171	357428	0.025659	2.5075	1240426	0.0247	16.349	0.025557	60
65	0.171326	66703	11428	305912	0.037357	2.5847	882998	0.0247	13.238	0.037207	65
70	0.250000	55275	13819	242471	0.056991	2.5466	577086	0.0247	10.440	0.056762	70
75	0.350239	41456	14520	170873	0.084973	2.4925	334615	0.0247	8.072	0.084628	75
80	0.493604	26937	13296	101260	0.131306	2.4862	163742	0.0247	6.079	0.130632	80
85+	*1.000000	13641	13641	52483	0.218309	4.5807	62483	0.0247	4.581	0.216087	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	0.026954	100000	2695	97944	0.027520	0.2372	7286679	0.0000	72.867	0.027520	0
1	0.004560	97305	444	387928	0.001144	1.0925	7188735	0.0000	73.879	0.001144	1
5	0.002376	96861	230	483729	0.000476	2.5000	6800807	0.0157	70.212	0.000478	5
10	0.001719	96631	166	482737	0.000344	2.4957	6317078	0.0269	65.373	0.000344	10
15	0.002350	96465	227	481778	0.000471	2.5978	5834340	0.0384	60.482	0.000469	15
20	0.002832	96238	273	480537	0.000567	2.6047	5352562	0.0240	55.618	0.000566	20
25	0.003790	95965	364	478954	0.000759	2.5997	4872026	0.0000	50.769	0.000759	25
30	0.004671	95602	447	476970	0.000936	2.6759	4393072	0.0000	45.952	0.000936	30
35	0.007785	95155	741	474054	0.001563	2.6761	3916102	0.0170	41.155	0.001558	35
40	0.011363	94414	1073	469585	0.002285	2.6830	3442048	0.0250	36.457	0.002274	40
45	0.018033	93341	1683	462806	0.003637	2.6823	2972463	0.0241	31.845	0.003620	45
50	0.027778	91658	2546	452430	0.005628	2.6979	2509657	0.0302	27.381	0.005592	50
55	0.046025	89112	4101	436056	0.009406	2.6827	2057227	0.0336	23.086	0.009342	55
60	0.072265	85011	6143	410682	0.014959	2.6605	1621171	0.0328	19.070	0.014864	60
65	0.112047	78867	8837	373607	0.023653	2.6541	1210489	0.0328	15.348	0.023494	65
70	0.181053	70031	12679	319992	0.039624	2.6212	836883	0.0328	11.950	0.039359	70
75	0.282723	57351	16215	247351	0.065553	2.5697	516891	0.0328	9.013	0.065117	75
80	0.440164	41137	18107	161837	0.111884	2.5784	269540	0.0328	6.552	0.110945	80
85+	*1.000000	23030	23030	107703	0.213827	4.6767	107703	0.0328	4.677	0.210947	85+

TABLE 4
OBSERVED AND PROJECTED VITAL RATES

	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1966 MALES	1966 FEMALES	1971 MALES	1971 FEMALES	1976 MALES	1976 FEMALES	MALES	FEMALES
RATES PER THOUSAND											
Birth	25.94	26.67	25.20	26.40	24.88	27.24	25.64	28.06	26.39	27.20	25.95
Death	6.91	7.92	5.91	8.06	6.17	8.20	6.46	8.31	6.71	8.44	7.19
Increase	19.02	18.75	19.29	18.34	18.71	19.04	19.19	19.74	19.68		18.7584
PERCENTAGE											
under 15	35.40	36.10	34.70	34.98	33.45	34.10	32.50	33.87	32.17	34.10	32.84
15-64	58.78	58.41	59.16	59.45	60.06	60.19	60.64	60.19	60.53	59.86	59.36
65 and over	5.82	5.50	6.15	5.57	6.49	5.71	6.86	5.94	7.30	6.04	7.80
DEP. RATIO X 100	70.13	71.22	69.05	68.21	66.49	66.13	64.92	66.14	65.21	67.05	68.47