

# 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	54439	27869	3.9	26570	3.9	0	6378	3228	3150	0	
	1-4	166655	86536	12.2	80119	11.9	0	5832	2719	3113	1.4	
	5-9	168451	87823	12.4	80628	12.0	0	696	364	332	5.9	
	10-14	149721	79835	11.3	69886	10.4	11	253	141	112	10-14	
	15-19	140337	75386	10.6	64951	9.6	4040	264	120	144	15-19	
	20-24	116851	62529	8.8	54322	8.1	14659	288	129	159	20-24	
	25-29	103097	55257	7.8	47840	7.1	16156	297	176	121	25-29	
	30-34	79901	39588	5.6	40313	6.0	11611	287	136	151	30-34	
	35-39	72786	37345	5.3	35441	5.3	8707	262	135	127	35-39	
	40-44	66809	34237	4.8	32572	4.8	3985	293	162	131	40-44	
	45-49	58103	28473	4.0	29630	4.4	1604	357	211	146	45-49	
	50-54	44154	21947	3.1	22207	3.3	527	394	248	146	50-54	
	55-59	43297	19908	2.8	23389	3.5	0	491	269	222	55-59	
	60-64	36078	16713	2.4	19365	2.9	0	574	333	241	60-64	
	65-69	29314	13191	1.9	16123	2.4	0	713	396	317	65-69	
	70-74	22432	9745	1.4	12687	1.9	0	850	448	402	70-74	
	75-79	15569	6478	0.9	9091	1.4	0	928	463	465	75-79	
	80-84	9142	3607	0.5	5535	0.8	31347 M.	900	419	481	80-84	
	85+	3917	1450	0.2	2467	0.4	29953 F.	693	297	396	85+	
	TOTAL	1381053	707917		673136		61300	20750	10394	10356	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	0.107843	100000	10784	93730	0.115057	0.4186	5454597	0.0125	54.546	0.115828	0
1	0.115663	89216	10319	329955	0.031274	1.3924	5360866	0.0125	60.089	0.031420	1
5	0.019832	78897	1565	390572	0.004006	2.5000	5030911	0.0263	63.766	0.004145	5
10	0.008755	77332	677	384769	0.001760	2.2057	4640339	0.0130	60.005	0.001766	10
15	0.007935	76655	608	381777	0.001593	2.5367	4255571	0.0228	55.516	0.001592	15
20	0.010313	76047	784	378395	0.002073	2.6556	3873794	0.0289	50.940	0.002063	20
25	0.015864	75263	1194	373427	0.003197	2.5835	3495398	0.0427	46.443	0.003185	25
30	0.017047	74069	1263	367209	0.003439	2.5184	3121971	0.0358	42.150	0.003435	30
35	0.017931	72806	1306	360852	0.003618	2.5665	2754762	0.0107	37.837	0.003615	35
40	0.023484	71500	1679	353565	0.004749	2.6556	2393909	0.0221	33.481	0.004732	40
45	0.036663	69821	2560	343130	0.007460	2.6653	2040344	0.0368	29.222	0.007411	45
50	0.055153	67261	3710	327368	0.011332	2.5902	1697214	0.0249	25.233	0.011300	50
55	0.065542	63552	4165	307756	0.013534	2.5984	1369846	0.0128	21.555	0.013512	55
60	0.095602	59386	5677	283446	0.020030	2.6246	1062091	0.0316	17.884	0.019925	60
65	0.140756	53709	7560	250461	0.030184	2.6079	778645	0.0316	14.497	0.030020	65
70	0.207862	46149	9593	207515	0.046226	2.5782	528184	0.0316	11.445	0.045972	70
75	0.305360	36556	11163	155282	0.071888	2.5365	320669	0.0316	8.772	0.071473	75
80	0.454690	25394	11546	98662	0.117028	2.5484	165387	0.0316	6.513	0.116163	80
85+	*1.000000	13847	13847	66725	0.207528	4.8185	66725	0.0316	4.819	0.204828	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	0.110397	100000	11040	93732	0.117780	0.4322	5540030	0.0136	55.400	0.118555	0
1	0.140791	88960	12525	323851	0.038675	1.4459	5446298	0.0136	61.222	0.038855	1
5	0.019363	76435	1480	378477	0.003910	2.5000	5122447	0.0311	67.017	0.004118	5
10	0.007944	74955	595	373152	0.001596	2.2699	4743969	0.0193	63.291	0.001603	10
15	0.011059	74360	822	369843	0.002223	2.6200	4370818	0.0230	58.779	0.002217	15
20	0.014539	73538	1069	365034	0.002929	2.5176	4000975	0.0279	54.407	0.002927	20
25	0.012591	72469	912	360116	0.002534	2.5596	3635941	0.0269	50.173	0.002529	25
30	0.018587	71556	1330	354525	0.003752	2.5525	3275825	0.0266	45.780	0.003746	30
35	0.017763	70226	1247	348021	0.003584	2.5075	2921299	0.0176	41.599	0.003583	35
40	0.019933	68979	1375	341540	0.004026	2.5613	2573278	0.0138	37.305	0.004022	40
45	0.024435	67604	1652	334048	0.004945	2.5965	2231738	0.0332	33.012	0.004927	45
50	0.032444	65952	2140	324683	0.006590	2.6275	1897690	0.0168	28.774	0.006574	50
55	0.046430	63812	2963	311978	0.009497	2.6095	1573007	0.0043	24.651	0.009492	55
60	0.060757	60849	3697	295512	0.012510	2.6375	1261030	0.0317	20.724	0.012445	60
65	0.094529	57152	5403	273082	0.019784	2.6532	965518	0.0317	16.894	0.019661	65
70	0.148200	51750	7669	240553	0.031882	2.6275	692435	0.0317	13.380	0.031686	70
75	0.229014	44080	10095	196109	0.051477	2.5935	451882	0.0317	10.251	0.051149	75
80	0.359014	33985	12201	139582	0.087413	2.6996	255774	0.0317	7.526	0.086902	80
85+	1.000000	21784	21784	116192	0.187484	5.3338	116192	0.0317	5.334	0.160518	85+

**TABLE 4**  
OBSERVED AND PROJECTED VITAL RATES

	RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
		BOTH SEXES	MALES	FEMALES	1960		1965		1970			
					MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES
Birth	44.39	44.28	44.50	43.54	43.88	42.70	43.19	41.99	42.61	44.00	44.74	
Death	15.02	14.68	15.38	15.38	16.45	15.17	16.27	14.92	16.02	14.61	15.35	
Increase	29.36	29.60	29.11	28.16	27.43	27.53	26.92	27.08	26.59		29.3867	
	PERCENTAGE											
under 15	39.05	39.84	38.21	40.80	39.93	41.99	41.35	42.42	41.99	42.87	42.54	
15-64	55.13	55.29	54.97	54.36	53.17	53.33	51.85	53.17	51.72	53.22	52.65	
65 and over	5.82	4.87	6.82	4.83	6.90	4.68	6.81	4.42	6.28	3.91	4.81	
DEP. RATIO X 100	81.38	80.88	81.91	83.94	88.07	87.51	92.88	88.08	93.35	87.90	89.94	