

# World Population

*An Analysis of Vital Data*

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Standard Book Number: 226-43234-3

Library of Congress Catalog Card Number: 68-14010

The University of Chicago Press, Chicago 60637  
The University of Chicago Press, Ltd., London

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Printed in the United States of America

**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	350228	175115	3.6	175113	3.5	0	33642	18130	15512	0
1-4	1322141	665509	13.5	656632	13.2	0	21792	10764	11018	1-4
5-9	1467099	739198	15.0	727901	14.6	0	3547	1864	1683	5-9
10-14	1152776	594996	12.1	557780	11.2	466	1949	1016	933	10-14
15-19	974206	494224	10.0	479982	9.6	38070	2346	1240	1106	15-19
20-24	848618	420771	8.5	427847	8.6	100210	3004	1468	1536	20-24
25-29	741643	360031	7.3	381612	7.7	94573	2904	1389	1515	25-29
30-34	620325	311700	6.3	308625	6.2	62822	2825	1390	1435	30-34
35-39	540228	260692	5.3	279536	5.6	43192	2818	1420	1398	35-39
40-44	420541	209151	4.2	211390	4.2	14745	2729	1494	1235	40-44
45-49	364814	177404	3.6	187410	3.8	3394	2884	1553	1331	45-49
50-54	292013	143055	2.9	148958	3.0	846	2845	1581	1264	50-54
55-59	225556	110147	2.2	115409	2.3	0	2768	1621	1147	55-59
60-64	189405	88297	1.8	101108	2.0	0	3287	1770	1517	60-64
65-69	150015	68602	1.4	81413	1.6	0	3965	2049	1916	65-69
70-74	111650	49761	1.0	61889	1.2	0	4559	2245	2314	70-74
75-79	75168	32384	0.7	42784	0.9	0	4851	2256	2595	75-79
80-84	42689	17601	0.4	25088	0.5	184751 M.	4540	1971	2569	80-84
85+	17631	6880	0.1	10751	0.2	173567 F.	3368	1344	2024	85+
TOTAL	9906746	4925518		4981228		358318	110613	56565	54048	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	0.097211	100000	9721	93895	0.103532	0.3719	5742911	0.0000	57.429	0.103532	0
1	0.061953	90279	5593	345806	0.016174	1.2627	5649017	0.0000	62.573	0.016174	1
5	0.012169	84686	1031	420853	0.002449	2.5000	5303211	0.0291	62.622	0.002522	5
10	0.008504	83655	711	416500	0.001708	2.5026	4882358	0.0382	58.363	0.001708	10
15	0.012530	82944	1039	412269	0.002521	2.6420	4465859	0.0321	53.842	0.002509	15
20	0.017337	81905	1420	406077	0.003497	2.5735	4053590	0.0283	49.492	0.003489	20
25	0.019135	80485	1540	398641	0.003863	2.5440	3647513	0.0261	45.319	0.003858	25
30	0.022103	78945	1745	390474	0.004469	2.5648	3248872	0.0278	41.154	0.004459	30
35	0.026975	77200	2082	380980	0.005466	2.5901	2858398	0.0343	37.026	0.005447	35
40	0.035214	75117	2645	369188	0.007165	2.5813	2477419	0.0314	32.981	0.007143	40
45	0.042973	72472	3114	354804	0.008778	2.5738	2108231	0.0291	29.090	0.008754	45
50	0.054035	69358	3748	337746	0.011096	2.5871	1753426	0.0363	25.281	0.011052	50
55	0.071353	65610	4681	316786	0.014778	2.5940	1415680	0.0332	21.577	0.014717	55
60	0.096175	60929	5860	290626	0.020163	2.6080	1098894	0.0383	18.036	0.020046	60
65	0.140195	55069	7720	256840	0.030059	2.6032	808268	0.0383	14.677	0.029868	65
70	0.204546	47348	9685	213268	0.045412	2.5762	551428	0.0383	11.646	0.045116	70
75	0.299067	37663	11264	160576	0.070147	2.5371	338160	0.0383	8.978	0.069664	75
80	0.442915	26400	11693	103483	0.112992	2.5613	177585	0.0383	6.727	0.111983	80
85+	*1.000000	14707	14707	74101	0.198468	5.0386	74101	0.0383	5.039	0.195349	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	0.084048	100000	8405	94881	0.088583	0.3909	5993829	0.0000	59.938	0.088583	0
1	0.064217	91595	5882	350544	0.016780	1.3075	5898948	0.0000	64.402	0.016780	1
5	0.011049	85713	947	426199	0.002222	2.5000	5548405	0.0346	64.732	0.002312	5
10	0.008332	84766	706	422070	0.001673	2.5060	5122206	0.0397	60.427	0.001673	10
15	0.011507	84060	967	418043	0.002314	2.6670	4700136	0.0241	55.914	0.002304	15
20	0.017830	83093	1482	411893	0.003597	2.5899	4282093	0.0195	51.534	0.003590	20
25	0.019689	81611	1607	404113	0.003976	2.5466	3870200	0.0286	47.422	0.003970	25
30	0.023013	80004	1841	395487	0.004655	2.5370	3466087	0.0266	43.324	0.004650	30
35	0.024741	78163	1934	386056	0.005009	2.5388	3070600	0.0327	39.285	0.005001	35
40	0.028873	76229	2201	375781	0.005857	2.5621	2684544	0.0341	35.217	0.005842	40
45	0.034980	74028	2590	363829	0.007117	2.5625	2308764	0.0279	31.188	0.007102	45
50	0.041679	71439	2977	349905	0.008509	2.5522	1944935	0.0400	27.225	0.008486	50
55	0.048717	68461	3335	334336	0.009976	2.6103	1595029	0.0281	23.298	0.009939	55
60	0.072842	65126	4744	314485	0.015085	2.6507	1260693	0.0294	19.358	0.015004	60
65	0.112065	60382	6767	285932	0.023666	2.6387	946207	0.0294	15.670	0.023534	65
70	0.172522	53615	9250	245998	0.037601	2.6131	660275	0.0294	12.315	0.037390	70
75	0.265683	44366	11787	193207	0.061008	2.5719	414277	0.0294	9.338	0.060654	75
80	0.408771	32578	13317	129354	0.102951	2.6169	221069	0.0294	6.786	0.102400	80
85+	1.000000	19261	19261	91715	0.210011	4.7617	91715	0.0294	4.762	0.188261	85+

**TABLE 4**  
OBSERVED AND PROJECTED VITAL RATES

RATES PER THOUSAND	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES	MALES	FEMALES	1966		1971		1976		MALES	FEMALES
Birth	36.17	37.51	34.84	37.26	34.92	37.61	35.50	38.55	36.61	35.92	35.03
Death	11.17	11.48	10.85	11.19	10.46	11.29	10.54	11.45	10.70	12.46	11.57
Increase	25.00	26.02	23.99	26.07	24.46	26.32	24.95	27.10	25.91		23.4555
PERCENTAGE											
under 15	43.33	44.15	42.51	42.81	41.61	40.89	39.57	39.92	38.41	38.75	38.28
15-64	52.66	52.29	53.04	53.52	53.82	55.42	55.93	56.29	57.03	56.14	55.93
65 and over	4.01	3.56	4.46	3.67	4.57	3.69	4.49	3.79	4.55	5.11	5.80
DEP. RATIO X 100	89.88	91.25	88.55	86.83	85.80	80.46	78.78	77.66	75.33	78.11	78.80