

World Population

An Analysis of Vital Data

Nathan Keyfitz and Wilhelm Flieger



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Excluding Canal Zone and Tribal Indian Population

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	32100	19500	3.8	18600	3.8	0	1302	1069	0	
	1-4	134500	68200	13.4	66300	13.5	0	1275	653	1-4	
	5-9	140697	71199	14.0	69498	14.2	0	295	155	5-9	
	10-14	121200	61600	12.1	59600	12.1	123	148	84	10-14	
	15-19	100300	49800	9.8	50500	10.3	7438	158	81	15-19	
	20-24	83800	42100	8.3	41700	8.5	13015	223	116	20-24	
	25-29	69500	35100	6.9	34400	7.0	10100	200	96	25-29	
	30-34	60800	31100	6.1	29700	6.0	5988	179	91	30-34	
	35-39	54500	28000	5.5	26500	5.4	3486	190	91	35-39	
	40-44	47400	25000	4.9	22400	4.6	938	222	122	40-44	
	45-49	40900	21600	4.2	19300	3.9	149	264	139	45-49	
	50-54	29900	15900	3.1	14000	2.9	21	251	139	50-54	
	55-59	23000	11700	2.3	11300	2.3	0	307	173	55-59	
	60-64	16800	10200	2.0	9600	2.0	0	353	204	60-64	
	65-69	13732	7170	1.4	6562	1.3	0	369	215	65-69	
	70-74	10056	5110	1.0	4946	1.0	0	428	253	70-74	
	75-79	6666	3277	0.6	3389	0.7	0	446	252	75-79	
	80-84	3730	1761	0.3	1969	0.4	20832 M.	410	220	80-84	
	85+	1519	683	0.1	836	0.2	20426 F.	298	150	85+	
	TOTAL	1000100	509000		491100		41258	8387	4536	3851	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	i_x	nM_x	x
	0	0.063713	100000	6371	95965	0.066392	0.3667	6273820	0.0084	62.738	0.066769	0
	1	0.037158	93629	3479	364954	0.009533	1.2518	6177855	0.0084	65.982	0.009575	1
	5	0.010604	90150	956	448358	0.002132	2.5000	5812901	0.0317	64.481	0.002177	5
	10	0.006776	89194	604	444409	0.001360	2.4195	5364543	0.0342	60.145	0.001364	10
	15	0.008154	88589	722	441266	0.001637	2.6734	4920134	0.0362	55.539	0.001626	15
	20	0.013723	87867	1206	436415	0.002763	2.5786	4478869	0.0325	50.973	0.002755	20
	25	0.013587	86661	1177	430370	0.002736	2.5065	4042454	0.0275	46.647	0.002735	25
	30	0.014536	85484	1243	424350	0.002928	2.5308	3612084	0.0197	42.255	0.002926	30
	35	0.016161	84241	1361	417961	0.003257	2.6166	3187734	0.0183	37.841	0.003250	35
	40	0.024189	82880	2005	409639	0.004894	2.6261	2769774	0.0211	33.419	0.004880	40
	45	0.031841	80875	2575	398224	0.006467	2.6118	2360135	0.0387	29.183	0.006435	45
	50	0.043260	78300	3387	383614	0.008830	2.6722	1961911	0.0517	25.056	0.008742	50
	55	0.071751	74912	5375	361809	0.014856	2.6273	1578297	0.0299	21.069	0.014786	55
	60	0.095933	69537	6671	331735	0.020109	2.6087	1216488	0.0358	17.494	0.020000	60
	65	0.140861	62866	8855	293306	0.030192	2.6257	884754	0.0358	14.074	0.029986	65
	70	0.222407	54011	12012	241021	0.049840	2.5830	591447	0.0358	10.950	0.049511	70
	75	0.324780	41999	13640	176224	0.077403	2.5243	350426	0.0358	8.344	0.076900	75
	80	0.479740	28358	13605	108012	0.125955	2.5170	174202	0.0358	6.143	0.124929	80
	85+	1.000000	14754	14754	66190	0.222898	4.4864	66190	0.0358	4.486	0.219619	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	i_x	nM_x	x
	0	0.055253	100000	5525	96574	0.057214	0.3799	6523351	0.0068	65.234	0.057473	0
	1	0.036476	94475	3446	368527	0.009351	1.2804	6426778	0.0068	68.026	0.009382	1
	5	0.009794	91029	892	452914	0.001969	2.5000	6058251	0.0320	66.553	0.002014	5
	10	0.005340	90137	481	449439	0.001071	2.4110	5605337	0.0306	62.187	0.001074	10
	15	0.007650	89656	686	446701	0.001535	2.6999	5155898	0.0341	57.508	0.001525	15
	20	0.012807	88970	1139	442132	0.002577	2.6157	4709197	0.0339	52.930	0.002566	20
	25	0.015016	87830	1319	435883	0.003026	2.5212	4267065	0.0310	48.583	0.003023	25
	30	0.014724	86511	1274	429427	0.002966	2.5429	3831182	0.0229	44.285	0.002963	30
	35	0.018550	85238	1581	422356	0.003744	2.5764	3401755	0.0245	39.909	0.003736	35
	40	0.022161	83657	1854	413864	0.004480	2.6168	2979398	0.0269	35.615	0.004464	40
	45	0.032035	81803	2621	402727	0.006507	2.6012	2565534	0.0407	31.362	0.006477	45
	50	0.039490	79182	3127	388464	0.008049	2.6185	2162807	0.0450	27.314	0.008000	50
	55	0.057848	76055	4400	369749	0.011899	2.6073	1774343	0.0260	23.330	0.011858	55
	60	0.075270	71656	5394	345421	0.015614	2.6163	1404594	0.0399	19.602	0.015521	60
	65	0.111850	66262	7411	313671	0.023628	2.6201	1059173	0.0399	15.985	0.023468	65
	70	0.164219	58851	9664	271142	0.035643	2.6086	745502	0.0399	12.668	0.035382	70
	75	0.253127	49186	12450	215782	0.057699	2.5785	474360	0.0399	9.644	0.057244	75
	80	0.390760	36736	14355	147681	0.097202	2.6441	258578	0.0399	7.039	0.096496	80
	85+	1.000000	22381	22381	110897	0.201818	4.9550	110897	0.0399	4.955	0.177033	85+

TABLE 4 OBSERVED AND PROJEC- TED VITAL RATES	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION				
	RATES PER THOUSAND	BOTH SEXES	MALES	FEMALES	1965	1970	1975	MALES	FEMALES			
					MALES	FEMALES	MALES	FEMALES				
	Birth	41.25	40.93	41.59	40.98	41.34	41.05	41.17	41.09	41.03	42.47	41.77
	Death	8.39	8.91	7.84	9.05	8.08	9.05	8.08	9.04	8.07	8.78	8.08
	Increase	32.87	32.02	33.75	31.93	33.26	32.00	33.09	32.05	32.95	33.6866	
	PERCENTAGE											
	under 15	43.45	43.32	43.58	43.57	43.90	44.05	44.36	44.26	44.63	45.20	44.90
	15-64	52.98	53.14	52.82	52.79	52.29	52.42	51.84	52.16	51.57	51.65	51.48
	65 and over	3.57	3.54	3.60	3.64	3.81	3.53	3.80	3.57	3.80	3.15	3.62
	DEP. RATIO X 100	88.73	88.17	89.32	89.41	91.24	90.75	92.92	91.70	93.91	93.62	94.25

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Excluding Canal Zone and Tribal Indian Population

TABLE 1 DATA	AGE AT LAST BIRTHDAY	BOTH SEXES	POPULATION		BIRTHS BY AGE OF MOTHER		DEATHS		AGE AT LAST BIRTHDAY	
			MALES		FEMALES		BOTH SEXES			
			Number	%	Number	%				
	0	40058	20267	3.7	19791	3.7	0	1940	0	
	1-4	144188	72813	13.3	71375	13.5	0	1091	1-4	
	5-9	152083	77249	14.1	74834	14.2	0	255	5-9	
	10-14	129861	66125	12.1	63736	12.1	141	120	10-14	
	15-19	107441	53427	9.8	54014	10.2	8252	170	15-19	
	20-24	89977	45261	8.3	44716	8.5	14155	200	20-24	
	25-29	75006	37952	6.9	37054	7.0	10810	173	25-29	
	30-34	65531	33520	6.1	32011	6.1	6463	183	30-34	
	35-39	58477	30221	5.5	28256	5.4	3678	210	35-39	
	40-44	51356	26877	4.9	24479	4.6	1010	224	40-44	
	45-49	43564	23277	4.3	20287	3.8	146	244	45-49	
	50-54	32874	17281	3.2	15593	3.0	19	297	50-54	
	55-59	25009	12705	2.3	12304	2.3	0	278	55-59	
	60-64	21143	11151	2.0	9992	1.9	0	410	60-64	
	65-69	14617	7356	1.3	7261	1.4	0	418	65-69	
	70-74	11318	6007	1.1	5311	1.0	0	480	70-74	
	75-79	7560	3617	0.7	3943	0.7	0	438	75-79	
	80-84	3423	1530	0.3	1893	0.4	22778 M.	319	80-84	
	85+	1938	834	0.2	1104	0.2	21896 F.	421	85+	
	TOTAL	1075424	547470		527954			7871	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	i_x	$n M_x$	x
	0	C.C51083	100000	5108	96756	0.052795	0.3650	6504622	0.0068	65.046	0.053042	0
	1	C.C28918	94892	2744	372016	0.007376	1.2484	6407866	0.0068	67.528	0.007403	1
	5	C.C08977	92148	827	458670	0.001804	2.5000	6035849	0.0313	65.502	0.001838	5
	10	C.C04576	91320	454	455459	0.000998	2.4834	5577179	0.0355	61.073	0.000998	10
	15	C.C08706	90866	791	452446	0.001748	2.6180	5121720	0.0363	56.366	0.001741	15
	20	C.C10020	90075	903	448162	0.002014	2.5473	4669274	0.0322	51.838	0.002011	20
	25	C.C11169	89172	996	443468	0.002246	2.5958	4221112	0.0276	47.336	0.002240	25
	30	C.C15429	88176	1360	437609	0.003109	2.5941	3777644	0.0197	42.842	0.003103	30
	35	C.C18553	86816	1611	430163	0.003744	2.5680	3340035	0.0183	38.473	0.003739	35
	40	C.C22133	85205	1886	421481	0.004474	2.5894	2909872	0.0216	34.151	0.004465	40
	45	C.C29048	83320	2420	411016	0.005889	2.6936	2488391	0.0376	29.866	0.005843	45
	50	C.C51119	80859	4135	394577	0.010481	2.6013	2077375	0.0509	25.679	0.010416	50
	55	C.C57725	76764	4431	373375	0.011868	2.6431	1682798	0.0303	21.922	0.011806	55
	60	C.C59255	72333	7179	344812	0.020821	2.6528	1309423	0.0479	18.103	0.020626	60
	65	C.148820	65153	9696	302449	0.032059	2.5952	964612	0.0479	14.805	0.031811	65
	70	C.209382	55457	11612	248983	0.046636	2.5626	662162	0.0479	11.940	0.046279	70
	75	C.300736	43845	13186	186398	0.070741	2.5103	413179	0.0479	9.424	0.070224	75
	80	C.359920	36660	12261	121815	0.100656	2.5886	226781	0.0479	7.397	0.100001	80
	85+	1.000000	18398	18398	104966	0.175277	5.7053	104966	0.0479	5.705	0.221823	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	i_x	$n M_x$	x
	0	C.C42389	100000	4239	97408	0.043517	0.3885	6729113	0.0066	67.291	0.043707	0
	1	C.C30213	95761	2893	375237	0.007710	1.3014	6631705	0.0066	69.253	0.007734	1
	5	C.C07327	92868	680	462638	0.001471	2.5000	6256468	0.0331	67.370	0.001510	5
	10	C.C04226	92187	390	459958	0.000847	2.4876	5793831	0.0315	62.848	0.000847	10
	15	C.C07161	91798	657	457495	0.001437	2.7275	5333873	0.0339	58.105	0.001426	15
	20	C.C12151	91140	1107	453018	0.002445	2.5763	4876378	0.0355	53.504	0.002438	20
	25	C.C11805	90033	1063	447505	0.002375	2.4973	4423360	0.0310	49.130	0.002375	25
	30	C.C12293	88970	1094	442207	0.002473	2.5832	3975855	0.0245	44.688	0.002468	30
	35	C.C17667	87876	1500	435784	0.003442	2.6010	3533647	0.0234	40.212	0.003433	35
	40	C.C21083	86377	1821	427483	0.004260	2.5839	3097863	0.0288	35.865	0.004249	40
	45	C.C26415	84556	2234	417451	0.005350	2.6148	2670380	0.0395	31.581	0.005324	45
	50	C.037076	82322	3052	404359	0.007548	2.6242	2252930	0.0424	27.367	0.007503	50
	55	C.C51124	79270	4053	386545	0.010473	2.6794	1848571	0.0331	23.320	0.010403	55
	60	C.C86980	75217	6542	360605	0.018143	2.6338	1461626	0.0416	19.432	0.018014	60
	65	C.120177	68675	8253	323578	0.025506	2.6013	1101020	0.0416	16.032	0.025341	65
	70	C.174727	60422	10557	276189	0.038225	2.5448	777443	0.0416	12.867	0.038034	70
	75	C.211085	49864	10526	223635	0.047024	2.5786	501254	0.0416	10.052	0.046665	75
	80	C.369370	39339	14531	163343	0.088957	2.7048	277419	0.0416	7.052	0.087692	80
	85+	*1.000000	24808	24808	114076	0.217471	4.5983	114076	0.0416	4.598	0.213768	85+

TABLE 4 OBSERVED AND PROJEC- TED VITAL RATES	OBSERVED POPULATION			PROJECTED POPULATION				STABLE POPULATION			
	BOTH SEXES			1967		1972		1977		MALES	
	RATES PER THOUSAND			MALES	FEMALES	MALES	FEMALES	MALES	FEMALES		
	Birth	41.54	41.61	41.47	41.31	41.06	41.15	40.79	41.09	40.64	42.25
	Death	7.32	7.72	6.90	8.04	7.06	8.13	7.14	8.11	7.08	7.61
	Increase	34.22	33.89	34.57	33.28	34.00	33.02	33.65	32.98	33.56	34.6460
	PERCENTAGE										
	under 15	43.35	43.19	43.51	43.82	44.07	44.49	44.61	45.06	44.96	45.61
	15-64	53.04	53.28	52.79	52.48	52.15	51.87	51.60	51.26	51.24	51.25
	65 and over	3.61	3.53	3.70	3.71	3.78	3.64	3.79	3.68	3.79	3.13
	DEP. RATIO X 100	88.55	87.70	89.43	90.56	91.74	92.78	93.79	95.09	95.15	95.10