

Country	GoldMedals	Silver	Bronze	TotalMedals	BordaPoints	Income	PopnSize	GDP	IncomeSQ	PopnSQ	IncomeCubed	PopnCubed	GDPsq	GDPcubed	Ln(Income)	Ln(PopnSize)	Ln(GDP)	Key to Variables
United States	46	29	29	104	225	4.8386	0.31403	1.519467	23.41204996	0.098615022	113.2815449	0.030968104	2.30878	12.30686842	1.576625423	-1.158265837	0.418359586	X1= income per capita (in \$10,000)
China	38	27	23	88	191	0.5413	1.340086	0.725389	0.29300569	1.795831824	0.15860398	2.40659981	0.526189	0.14568846	-0.631781625	0.292734163	-0.321047462	X2= population size (in 1,000,000,000)
Russia	24	26	32	82	156	1.2993	0.143092	0.18592	16.68818049	0.020475389	2.193452911	0.002929869	0.034566	4.13E-05	0.261825658	-1.944265837	-1.68240179	X3= GDP (X1*X2)
Great Britain	29	17	19	65	140	3.8891	0.062271	0.242177	15.12509881	0.003877628	58.82302178	0.000241462	0.05865	0.00021074	1.358177768	-2.77625837	-1.418088069	X4= Income Squared=X1*X1
Germany	11	19	14	44	85	4.3741	0.081817	0.357877	19.13275081	0.00669408	83.68856532	0.000547692	0.128076	0.002100898	1.475700784	-2.503265837	-1.027565053	X5= Population Squared=X2*X2
Japan	7	14	17	38	66	4.592	0.127803	0.586871	21.086464	0.016333588	96.82904269	0.00208748	0.344418	0.040856021	1.524315659	-2.057265837	-0.532951078	X6= Income Cubed=X1*X1*X1
Australia	7	16	12	35	65	6.5477	0.022703	0.148651	42.87237529	0.000515418	280.7154517	0.117E-05	0.022097	1.09E-05	1.879113843	-3.785265837	-1.906151994	X7= Population Cubed=X2*X2*X2
France	11	11	12	34	67	4.2793	0.065332	0.279577	18.31240849	0.004268334	78.36428965	0.000278861	0.078163	0.000477542	1.453789445	-2.728265837	-1.274476392	X8= GDP Squared=X3*X3
South Korea	13	8	7	28	52	2.3749	0.050023	0.1188	5.64015001	0.002502333	13.39479226	0.000125175	0.014114	2.81E-06	0.864955331	-2.995265837	-2.130310506	X9= GDP Cubed=X3*X3*X3
Italy	8	9	11	28	63	3.6267	0.060794	0.220481	13.15295289	0.003695898	47.70181425	0.000224688	0.048612	0.000114876	1.288323144	-2.800265837	-1.511942693	X10= natural log of income=Ln(X1)
Netherlands	6	6	8	20	38	5.0355	0.016852	0.08486	25.35626025	0.000284001	127.6814485	4.79E-06	0.007201	3.73E-07	1.616512826	-4.083265837	-2.466753011	X11= natural log of popn size=Ln(X2)
Ukraine	6	5	9	20	37	0.3621	0.045901	0.016621	0.13111641	0.002106912	0.047477252	9.67E-05	0.000276	2.11E-11	-1.015834862	-3.081265837	-4.097100699	X12= natural log of GDP=Ln(X3)
Canada	1	5	12	18	25	5.0436	0.0349	0.176022	25.43790096	0.001218016	128.2985972	4.25E-05	0.030984	2.97E-05	1.618120113	-3.355265837	-1.737145724	
Hungary	8	4	5	17	37	1.405	0.010019	0.014077	1.974025	0.000100382	2.773505125	1.01E-06	0.000198	7.78E-12	0.340037303	-4.603265837	-4.263228534	
Spain	3	10	4	17	33	3.236	0.047205	0.152754	10.471696	0.002228266	33.88640826	0.000105184	0.023334	1.27E-05	1.174337999	-3.053265837	-1.878927838	
Brazil	3	5	9	17	28	1.2788	0.192383	0.24602	1.63532944	0.037011312	2.091259288	0.007120356	0.060526	0.000221727	0.245922138	-1.648265837	-1.402343699	
Cuba	5	3	6	14	27	0.51	0.11124	0.005732	0.2601	0.00012634	0.132651	1.42E-06	3.29E-05	3.55E-14	-0.673344553	-4.488265837	-5.16161039	
Kazakhstan	7	1	5	13	28	1.0694	0.016601	0.017754	1.14361636	0.000275608	1.222983335	4.58E-06	0.000315	3.13E-11	0.067097744	-4.098265837	-4.031168093	
New Zealand	6	2	5	13	27	3.6648	0.00443	0.016237	13.43075904	1.96E-05	49.22104573	8.70E-08	0.000264	1.83E-11	1.298737664	-5.419265837	-4.120420273	
Iran	4	5	3	12	25	0.6359	0.07515	0.047788	0.40436881	0.00564756	0.257138126	0.000424416	0.002284	1.19E-08	-0.452713961	-2.588265837	-3.040979798	
Jamaica	4	4	4	12	24	0.5402	0.002888	0.00156	0.29181604	8.34E-06	0.157639025	2.41E-08	2.43E-06	1.44E-17	-0.615815838	-5.847265837	-6.463081675	
Belarus	2	5	5	12	21	0.5881	0.009454	0.00556	0.34586161	8.94E-05	0.203401213	8.45E-07	3.09E-05	2.95E-14	-0.530858278	-4.661265837	-5.192124114	
Kenya	2	4	5	11	19	0.085	0.043012	0.00356	0.007225	0.00185007	0.000614125	7.96E-05	1.34E-05	2.39E-15	-2.465104022	-3.146265837	-5.611369859	
Czech Rep.	4	3	3	10	21	2.0444	0.010564	0.021598	4.17957136	0.000111606	8.544715688	1.18E-06	0.000466	1.01E-10	0.715104348	-4.550265837	-8.335161489	
Azerbaijan	2	2	6	10	16	0.6832	0.009166	0.006262	0.46676224	8.40E-05	0.318891962	7.70E-07	3.92E-05	6.03E-14	-0.380967637	-4.692265837	-5.073233473	
Poland	2	2	6	10	16	1.354	0.038494	0.05212	1.833316	0.00148175	2.482308664	5.70E-05	0.002717	2.00E-08	0.303063174	-3.257265837	-2.954202662	
Romania	2	5	2	9	18	0.8863	0.019039	0.016874	0.78552769	0.000362483	0.696213192	6.90E-06	0.000285	2.31E-11	-0.120699785	-3.961265837	-4.081965622	
Denmark	2	4	3	9	17	5.9928	0.005543	0.032127	35.91365184	3.07E-05	215.2233327	1.70E-07	0.001103	1.34E-09	1.790558749	-5.195265837	-3.404707088	
Sweden	1	4	3	8	14	5.6956	0.009417	0.053634	32.43985936	8.87E-05	184.764463	8.35E-07	0.002877	2.38E-08	1.739693947	-4.665265837	-2.92557189	
Colombia	1	3	4	8	13	0.7131	0.046316	0.03028	0.50851161	0.00214518	0.362619629	9.94E-05	0.001091	1.30E-09	-0.338133616	-3.072265837	-3.410399453	
Ethiopia	3	1	3	7	14	0.036	0.084309	0.003035	0.001296	0.007108019	0.000046656	0.00059927	9.21E-06	7.82E-16	-3.324236341	-2.473265837	-5.797502177	
Georgia	1	3	3	7	12	0.321	0.00447	0.001435	0.103041	2.00E-05	0.033076161	8.93E-08	2.06E-06	8.73E-18	-1.136314156	-5.410265837	-6.546579993	
Mexico	1	3	3	7	12	1.0153	0.112335	0.114054	1.03083409	0.012619252	1.046605852	0.001417589	0.013008	2.20E-06	0.015184135	-2.186265837	-2.171081702	
North Korea	4	0	2	6	14	0.18	0.024059	0.004331	0.0324	0.000578813	0.005832	1.39E-05	1.88E-05	6.60E-15	-1.714798428	-3.727265837	-5.442064265	
South Africa	3	2	1	6	14	0.8066	0.048788	0.039353	0.65060356	0.002380293	0.524776831	0.00011613	0.001549	3.71E-09	-0.214927397	-3.020265837	-3.235193233	
Croatia	3	1	2	6	13	1.4457	0.004291	0.006203	2.09004849	1.84E-05	3.021583102	7.90E-08	3.85E-05	5.70E-14	0.368593633	-5.451265837	-5.082672204	
India	0	2	2	4	8	0.1389	1.210138	0.168088	0.01929321	1.464433277	0.002679827	1.772165932	0.028254	2.26E-05	-1.974001029	-1.974001029	-1.783266866	
Turkey	2	2	1	5	11	1.0522	0.074701	0.0786	1.10712484	0.005580194	1.164916757	0.000416844	0.006178	2.36E-07	0.05088321	-2.594265837	-2.543882627	
Lithuania	2	1	2	5	10	1.3068	0.003182	0.004158	1.70772624	1.01E-05	2.3165665	3.22E-08	1.73E-05	5.17E-15	0.267581401	-5.750265837	-5.428644436	
Ireland	1	1	3	5	8	4.7513	0.004588	0.0218	22.57485169	2.11E-05	107.2598928	9.66E-08	0.000475	1.07E-10	1.558418265	-5.384265837	-3.825847572	
Mongolia	0	2	3	5	7	0.3042	0.002755	0.000838	0.09253764	7.59E-06	0.02814995	2.09E-08	7.02E-07	3.47E-19	-1.190069899	-5.894265837	-7.08435736	
Switzerland	2	2	0	4	10	8.116	0.007953	0.064543	65.869456	6.32E-05	534.9560549	5.03E-07	0.004166	7.23E-08	2.093837422	-4.834265837	-2.740428415	
Norway	2	1	1	4	9	9.7254	0.005005	0.048678	94.58340516	2.51E-05	919.8614485	1.25E-07	0.00237	1.33E-08	2.27474102	-5.297265837	-3.022524817	
Argentina	1	1	2	4	7	1.064	0.041285	0.043297	1.132096	0.001704418	1.204550144	7.04E-05	0.00193	7.18E-09	0.062035391	-3.187265837	-3.12520446	
Slovenia	1	1	2	4	7	2.4533	0.002049	0.005028	6.01868089	4.20E-06	14.76562983	8.61E-09	2.53E-05	1.61E-14	0.897434057	-6.190265837	-5.29283178	
Serbia Rep.	1	1	2	4	7	0.608	0.007124	0.004331	0.369664	5.08E-05	0.224755712	3.62E-07	1.88E-05	6.60E-15	-0.497580397	-4.944265837	-5.441846234	
Trinidad/Tobago	1	0	3	4	6	1.7158	0.001227	0.002105	2.94396964	1.51E-06	5.051263108	1.85E-09	4.43E-06	8.70E-17	0.539879444	-6.703265837	-6.163386393	
Uzbekistan	1	0	3	4	6	0.1572	0.029562	0.004647	0.02471184	0.000873911	0.00884701	2.58E-05	2.16E-05	1.01E-14	-1.850236399	-3.521265837	-5.371502236	
Slovakia	0	1	3	4	5	1.7643	0.005444	0.009605	3.11275449	2.96E-05	5.491832747	1.61E-07	9.22E-05	7.85E-13	0.567754011	-5.213265837	-4.645511826	
Tunisia	1	1	1	3	6	0.4351	0.010735	0.004671	0.18931201	0.000115236	0.082369656	1.24E-06	2.18E-05	1.04E-14	-0.832179389	-4.534265837	-5.366445226	
Thailand	0	2	1	3	5	0.5394	0.066719	0.035988	0.290									

Madagascar	0	0	0	0	0	0.0458	0.021922	0.001004	0.00209764	0.000480573	9.61E-05	1.05E-05	1.01E-06	1.02E-18	-3.083471188	-3.820265837	-6.903737025
Malawi	0	0	0	0	0	0.0351	0.014902	0.000523	0.00123201	0.000222067	4.32E-05	3.31E-06	2.74E-07	2.05E-20	-3.349554149	-4.206265837	-7.555819985
Maldives	0	0	0	0	0	0.5973	0.000328	0.000196	0.35676729	1.08E-07	0.213097102	3.54E-11	3.85E-08	5.70E-23	-0.515335779	-8.021265837	-8.536601616
Mali	0	0	0	0	0	0.0668	0.014519	0.00097	0.00446224	0.000210815	0.000298078	3.06E-06	9.41E-07	8.32E-19	-2.706052198	-4.232265837	-6.938318035
Malta	0	0	0	0	0	2.1028	0.000453	0.000952	4.42176784	2.05E-07	9.298093414	9.28E-11	9.06E-07	7.44E-19	0.74326979	-7.700265837	-6.956996047
Marshall Islands	0	0	0	0	0	0.1691	6.80E-05	1.15E-05	0.02859481	4.62E-09	0.004835382	3.14E-13	1.32E-10	2.31E-30	-1.777265023	-9.596265837	-11.37353086
Mauritania	0	0	0	0	0	0.129	0.003069	0.000396	0.016641	9.42E-06	0.002146689	2.89E-08	1.57E-07	3.85E-21	-2.047942875	-5.786265837	-7.834208712
Mauritius	0	0	0	0	0	0.8654	0.001286	0.001113	0.74891716	1.65E-06	0.64811291	2.13E-09	1.24E-06	1.90E-18	-0.144563451	-6.656265837	-6.800829288
Micronesia	0	0	0	0	0	0.2598	0.000111	2.88E-05	0.06749604	1.23E-08	0.017535471	1.37E-12	8.31E-10	5.74E-28	-1.347843175	-9.106265837	-10.45410901
Monaco	0	0	0	0	0	17.2676	3.64E-05	0.000628	298.1700098	1.32E-09	5148.680461	4.82E-14	3.95E-07	6.15E-20	2.848831913	-10.22126584	-7.372433924
Mozambique	0	0	0	0	0	0.0582	0.022885	0.001332	0.00338724	0.000523731	0.000197137	1.20E-05	1.77E-06	5.58E-18	-2.843869924	-3.777265837	-6.621135761
Myanmar	0	0	0	0	0	0.0832	0.060309	0.005018	0.00692224	0.003637234	0.00057593	0.00021936	2.52E-05	1.60E-14	-2.486507931	-2.808265837	-5.294773768
Namibia	0	0	0	0	0	0.5828	0.002099	0.001223	0.33965584	4.41E-06	0.197951424	9.25E-09	1.50E-06	3.35E-18	-0.539911205	-6.166265837	-6.706177042
Nauru	0	0	0	0	0	0.25	9.38E-06	2.34E-06	0.0625	8.79E-11	0.015625	8.24E-16	5.50E-12	1.66E-34	-1.386294361	-11.57726584	-12.9635602
Nepal	0	0	0	0	0	0.0624	0.029326	0.00183	0.00389376	0.00086004	0.000242971	2.52E-05	3.35E-06	3.76E-17	-2.774190004	-3.529265837	-6.303455841
Nicaragua	0	0	0	0	0	0.1239	0.005891	0.00073	0.01535121	3.47E-05	0.001902015	2.04E-07	5.33E-07	1.51E-19	-2.08828049	-5.134265837	-7.222546327
Niger	0	0	0	0	0	0.0399	0.015729	0.000628	0.00159201	0.000247393	6.35E-05	3.89E-06	3.94E-07	6.11E-20	-3.221378955	-4.152265837	-7.373644792
Nigeria	0	0	0	0	0	0.149	0.170118	0.025348	0.022201	0.028939968	0.003307949	0.004923195	0.000642	2.65E-10	-1.903808973	-1.712265837	-3.67507481
Oman	0	0	0	0	0	2.3315	0.002775	0.006469	5.43589225	7.70E-06	12.67378278	2.14E-08	4.18E-05	7.33E-14	0.846511837	-5.887265837	-5.040754
Pakistan	0	0	0	0	0	0.1201	0.180456	0.021673	0.01442401	0.032564528	0.001732324	0.005876479	0.00047	1.04E-10	-2.11943055	-1.712265837	-3.831696387
Palau	0	0	0	0	0	0.81	2.10E-05	1.70E-05	0.6561	4.39E-10	0.531441	9.20E-15	2.88E-10	2.39E-29	-0.210721031	-10.77326584	-10.98398687
Palestine	0	0	0	0	0	0.1108	0.004278	0.000474	0.01227664	1.83E-05	0.001360252	7.83E-08	2.25E-07	1.13E-20	-2.200028505	-5.454265837	-7.654294342
Panama	0	0	0	0	0	0.8514	0.003406	0.0029	0.72488196	1.16E-05	0.617164501	3.95E-08	8.41E-06	5.94E-16	-0.160873226	-5.682265837	-5.843139063
Papua New Guinea	0	0	0	0	0	0.19	0.006187	0.001176	0.0361	3.83E-05	0.006859	2.37E-07	1.38E-06	2.64E-18	-1.660731207	-5.085265837	-6.745997044
Paraguay	0	0	0	0	0	0.3252	0.006453	0.002098	0.10575504	4.16E-05	0.034391539	2.69E-07	4.40E-06	8.54E-17	-1.123314901	-5.043265837	-6.166580738
Peru	0	0	0	0	0	0.6069	0.029503	0.017905	0.36832761	0.000870423	0.223538027	2.57E-05	0.000321	3.30E-11	-0.499391246	-3.523265837	-4.022657083
Philippines	0	0	0	0	0	0.2328	0.092341	0.021497	0.05419584	0.008526881	0.012616792	0.000787382	0.000462	9.87E-11	-1.457575563	-2.382265837	-3.8398414
Rwanda	0	0	0	0	0	0.0605	0.010713	0.000648	0.00366025	0.000114776	0.000221445	1.23E-06	4.20E-07	7.41E-20	-2.805111914	-4.536265837	-7.341377751
St. Kitts Nevis	0	0	0	0	0	1.2728	5.13E-05	6.53E-05	1.62001984	2.63E-09	2.061961252	1.35E-13	4.26E-09	7.73E-26	0.241219198	-9.878265837	-9.637046639
St. Lucia	0	0	0	0	0	0.7435	0.000174	0.000129	0.55279225	3.02E-08	0.411001038	5.24E-12	1.67E-08	4.64E-24	-0.296386513	-8.658265837	-8.95465235
St.VincentGrenadines	0	0	0	0	0	0.6342	0.00012	7.61E-05	0.40220964	1.44E-08	0.255081354	1.73E-12	5.79E-09	1.94E-25	-0.455390917	-9.028265837	-9.483656754
Samoa	0	0	0	0	0	0.3451	0.000194	6.70E-05	0.11909401	3.77E-08	0.041099343	7.33E-12	4.49E-09	9.08E-26	-1.063921049	-8.546265837	-9.610186886
San Marino	0	0	0	0	0	4.4208	3.22E-05	0.000142	19.54347264	1.04E-09	86.39778385	3.34E-14	2.03E-08	8.33E-24	1.486320675	-10.34326584	-8.856945162
Sao Tome Principe	0	0	0	0	0	0.1473	0.000183	2.70E-05	0.02169729	3.35E-08	0.003196011	6.14E-12	7.28E-10	3.85E-28	-1.915283956	-8.605265837	-10.52054979
Senegal	0	0	0	0	0	0.1075	0.012852	0.001382	0.01155625	0.000165171	0.001242297	2.12E-06	1.91E-06	6.95E-18	-2.230264431	-4.354265837	-6.584530268
Seychelles	0	0	0	0	0	1.117	8.40E-05	9.39E-05	1.247689	7.06E-09	1.393668613	5.93E-13	8.81E-09	6.84E-25	0.11064652	-9.384265837	-9.273619317
Sierra Leon	0	0	0	0	0	0.0366	0.005488	0.000201	0.00133956	3.01E-05	4.90E-05	1.65E-07	4.03E-08	6.56E-23	-3.307707039	-5.205265837	-8.512972876
Solomon Islands	0	0	0	0	0	0.1553	0.000523	8.12E-05	0.02411809	2.73E-07	0.003745539	1.43E-10	6.59E-09	2.87E-25	-1.862396549	-7.556265837	-9.418662386
Somalia	0	0	0	0	0	0.06	0.010089	0.000605	0.0036	0.000101797	0.000216	1.03E-06	3.66E-07	4.92E-20	-2.813410717	-4.596265837	-7.409676554
Sri Lanka	0	0	0	0	0	0.2877	0.020277	0.005834	0.08277129	0.000411159	0.0238133	8.34E-06	3.40E-05	3.94E-14	-1.245837008	-3.898265837	-5.144102845
Sudan	0	0	0	0	0	0.2496	0.030892	0.007711	0.06230016	0.000954301	0.01555012	2.95E-05	5.95E-05	2.10E-13	-1.387895642	-3.477265837	-4.865161479
Suriname	0	0	0	0	0	0.7096	0.00056	0.000397	0.50353216	3.14E-07	0.357306421	1.76E-10	1.58E-07	3.94E-21	-0.343053848	-7.487265837	-7.830319685
Swaziland	0	0	0	0	0	0.3358	0.001185	0.000398	0.11276164	1.40E-06	0.037865359	1.66E-09	1.58E-07	3.96E-21	-1.091239534	-6.738265837	-7.829505371
Syria	0	0	0	0	0	0.2802	0.022522	0.006311	0.07851204	0.000507237	0.021999074	1.14E-05	3.98E-05	6.32E-14	-1.272251645	-3.793265837	-5.065517482
Tanzania	0	0	0	0	0	0.0533	0.043185	0.002302	0.00284089	0.00186493	0.000151419	8.05E-05	5.30E-06	1.49E-16	-2.931818948	-3.142265837	-6.074084785
Timor-Leste	0	0	0	0	0	0.3949	0.001067	0.000421	0.15594601	1.14E-06	0.061583079	1.21E-09	1.77E-07	5.58E-21	-0.929122711	-6.843265837	-7.772388548
Togo	0	0	0	0	0	0.0505	0.006616	0.000334	0.00255025	4.38E-05	0.000128788	2.90E-07	1.12E-07	1.39E-21	-2.985781943	-5.018265837	-8.00404778
Tonga	0	0	0	0	0	0.422	0.000103	4.35E-05	0.178084	1.06E-08	0.075151448	1.09E-12	1.89E-09	6.76E-27	-0.862749965	-9.180265837	-10.0430158
Turkmenistan	0	0	0	0	0	0.4658	0.005127	0.002388	0.21696964	2.63E-05	0.101064458	1.35E-07	5.70E-06	1.85E-16	-0.763998922	-5.273265837	-6.037264758
Tuvalu	0	0	0	0	0	0.34	1.05E-05	3.58E-06	0.1156	1.11E-10	0.039304	1.17E-15	1.28E-11	2.12E-33	-1.078809661	-11.46026584	-12.5390755
United Arab Emirates	0	0	0	0	0	6.7008	0.008261	0.055352	44.90072064	6.82E-05	300.8707489	5.64E-07	0.003064	2.88E-08	1.902226922	-4.796265837	-2.894038915
Uruguay	0	0	0	0	0	1.4415	0.003318	0.004784	2.07792225	1.10E-05	2.995324923	3.65E-08	2.29E-05	1.20E-14	0.365684238	-5.708265837	-5.342581599
Vanuatu	0	0	0	0	0	0.3036	0.000225	6.82E-05	0.09217296	5.04E-08	0.027983711	1.13E-11	4.65E-09	1.00E-25	-1.192044233	-8.401265837	-9.59331007
Vietnam	0	0	0	0	0	0.1498	0.091514	0.013709	0.02244004	0.00837477	0.003361518	0.000766407	0.000188	6.64E-12	-1.898454208	-2.391265837	-4.289720045
Virgin Islands	0	0	0	0	0	1.4369	0.00011	0.000158	2.06468161	1.20E-08	2.966741005	1.32E-12	2.49E-08	1.54E-23	0.362488015	-9.117265837	-8.754777822
Yemen	0	0	0	0	0	0.134	0.025141	0.003369	0.017956	0.000632057	0.002406104	1.59E-05	1.13E-05	1.46E-15	-2.009915479	-3.683265837	-5.693181316
Zambia	0	0	0	0	0	0.1413	0.012929	0.001827	0.01996569	0.000167165	0.002821152	2.16E-06	3.34E-06	3.72E-17	-1.956869989	-4.348265837	-6.305135826
Zimbabwe	0	0	0	0	0	0.0487	0.012522	0.00061	0.00237169	0.000156801	0.000115501	1.96E-06	3.72E-07	5.14E-20	-3.022076249	-4.380265837	-7.402342086