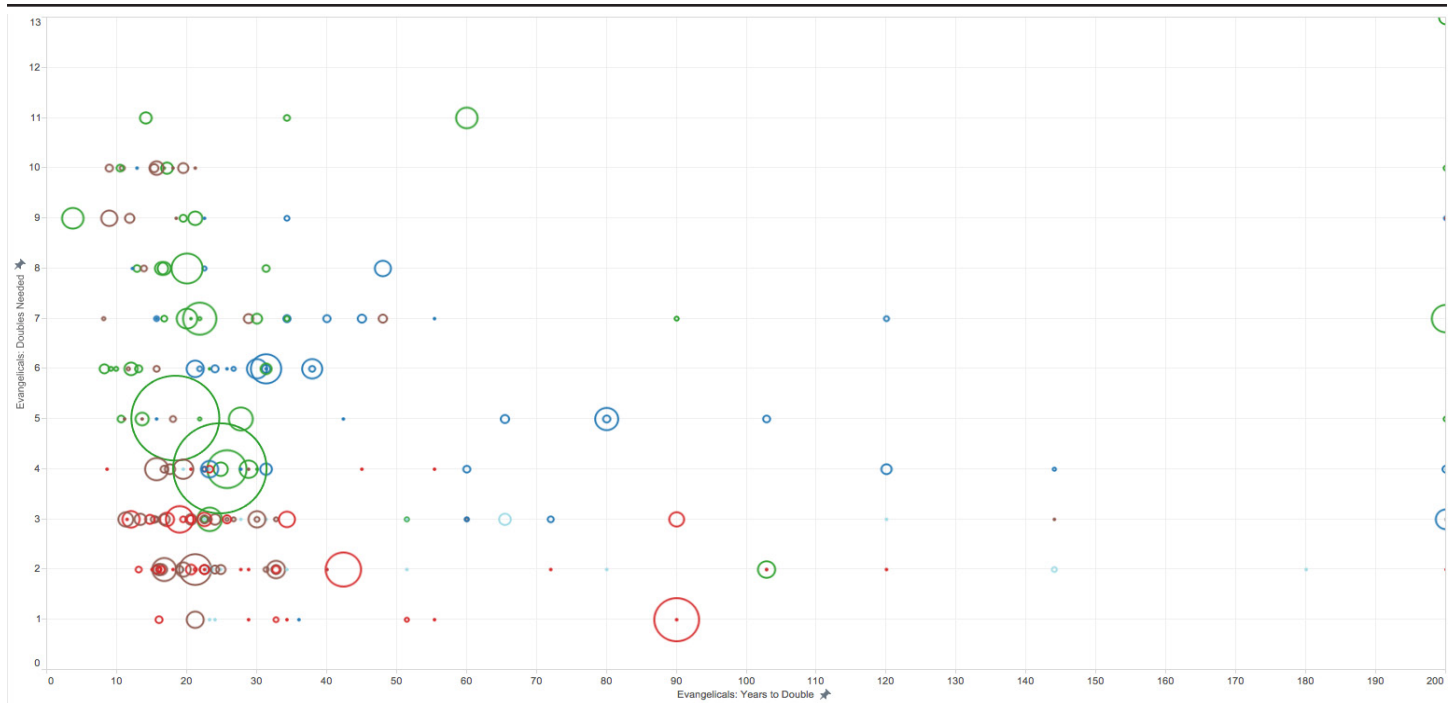


## Global Diagram 7: Doubles Required for Evangelicals to Saturate a Country, by Time to Double

Vertical axis (X): number of doubles needed for evangelicals to be the largest percentage of a country in 2025 (where the next double would make them over 100%).

Horizontal axis (Y): number of years for the existing evangelical population to double at current growth rates (*Operation World*, 2010).

Colors: Continental areas. Pacific, light blue; Americas, red; Africa, brown; Asia, green; Europe, blue.



1. Many Doubles, Long Time			2. Many Doubles, Low Time			2. Few Doubles, Long Time			2. Few Doubles, Low Time		
Country	D	Yrs	Country	D	Yrs	Country	D	Yrs	Country	D	Yrs
1. Afghanistan	13	>200	1. Yemen	11	14	1. USA	1	90	1. El Salvador	1	16
2. Turkey	11	60	2. Somalia	10	9	2. Jamaica	1	51	2. Kenya	1	21
3. Turkmenistan	11	34	3. Tajikistan	10	10	3. Puerto Rico	1	33	3. Nicaragua	2	13
4. Palestine	10	>200	4. Mauritania	10	11	4. Swaziland	2	>200	4. Belize	2	15
5. Djibouti	10	21	5. Tunisia	10	15	5. New Zealand	2	144	5. Bolivia	2	15

Doubles: based on current populations of evangelicals (*Operation World*) and the country (*United Nations Population Database*), the number of doubles needed for Evangelicals to get as close to 100% as possible. Yrs: time to double, based on current growth rate (*Operation World*).

This chart presents a picture of how close countries are to being saturated with evangelical Christianity. We consider the “number of doubles” required: how many times must the current Evangelical population double to be close to but not exceeding 100% of the country in 2025? For example, El Salvador has 1.9 million Evangelicals now, and a projected population of 6.7 million in 2025. Doubling once would put the total population of evangelicals at 3.8 million, or 55%. Doubling a second time, however, would bring evangelicals to 7.6 million, exceeding the 2025 population. We compare this to the number of years it would take for the evangelical population to double at current growth rates (based on the annual growth rate given in *Operation World*). At once this reveals some startling facts: there are a number of countries in North America, Africa and Asia in the lower left section of the chart: low doubling times, and few doubles needed. India and China (the two large green circles) could be substantially different in less than a century. This outlook is bright, but there is one limitation that needs to be borne in mind: as populations get larger, their growth tends to slow. Djibouti, for example, has an evangelical population estimated at less than 1,000 believers, and it is fairly easy for such a small group to achieve rapid growth. As it “doubles,” we could expect its doubling time to increase. The forecast is far more accurate for countries where fewer doubles are needed, or the existing doubling time is very long. (There are a handful of countries where doubling times exceed 200 years, and their bubbles show at the far right of the chart.)

**Diagram Editor:** Justin D. Long. **Data source:** *Operation World*, *United Nations*. All data at 2010-14. **More global diagrams:** <http://www.justinlong.org>. This diagram and an additional page of analysis can be downloaded from <https://gumroad.com/1/hguX>. Justin Long serves with **ActBeyond**, <http://www.beyond.org>.

# Doubles needed, and time to double

by Justin D. Long

Country	P2025	D	Yrs	Georgia	4,080	5	200	Niger	28,477	10	19
Afghanistan	39,571	13	200	Germany	80,869	5	80	Nigeria	239,874	2	21
Albania	3,283	7	16	Ghana	32,509	2	16	North Korea	26,306	6	12
Algeria	46,480	9	9	Greece	11,035	7	45	Norway	5,627	3	72
Angola	30,446	2	16	Guadeloupe	489	4	55	Oman	4,770	7	90
Argentina	45,423	3	34	Guatemala	20,394	2	23	Pakistan	218,124	7	22
Armenia	2,989	3	51	Guinea	15,590	7	48	Palestine	5,769	10	200
Australia	26,920	3	65	Guinea-Bissau	2,233	6	12	Panama	4,597	2	16
Austria	8,871	7	34	Guyana	841	2	72	Papua New G	9,229	2	23
Azerbaijan	10,309	9	19	Haiti	11,935	2	33	Paraguay	8,165	4	23
Bahrain	1,571	5	22	Honduras	10,035	2	16	Peru	34,877	3	17
Bangladesh	177,885	8	20	Hungary	9,672	5	80	Philippines	119,219	3	23
Belarus	8,773	6	24	Iceland	370	4	28	Poland	37,924	8	48
Belgium	11,526	6	31	India	1,418,744	5	18	Portugal	10,514	5	65
Benin	13,891	4	17	Indonesia	282,011	4	26	Puerto Rico	3,693	1	33
Bhutan	863	6	23	Iran	88,064	9	4	Qatar	2,662	7	22
Bolivia	12,801	2	16	Iraq	45,892	9	21	Romania	20,771	4	31
Bosnia-Herz	3,751	9	34	Ireland	5,167	6	22	Russia	136,967	6	31
Botswana	2,245	3	60	Israel	9,071	8	13	Rwanda	15,914	2	24
Brazil	217,519	2	42	Italy	61,335	6	38	Sao Tome & P	252	5	11
Britain	67,210	3	200	Ivory Coast	26,414	3	24	Saudi Arabia	34,207	8	17
Brunei	478	4	30	Jamaica	2,926	1	51	Senegal	19,415	9	12
Bulgaria	6,527	5	103	Japan	123,256	7	200	Serbia	8,891	7	40
Burkina Faso	23,428	4	18	Jordan	8,742	8	31	Sierra Leone	7,470	5	18
Burundi	14,429	2	19	Kazakhstan	18,116	7	30	Singapore	6,334	3	23
C African Repub	5,795	2	31	Kenya	59,386	1	21	Slovakia	5,451	6	38
Cambodia	18,120	6	8	Kuwait	4,432	6	10	Slovenia	2,094	9	200
Cameroon	29,628	3	17	Kyrgyzstan	6,557	7	17	Somalia	14,743	10	9
Canada	39,185	3	90	Laos	8,253	5	11	South Africa	56,666	2	33
Cape Verde	555	4	17	Latvia	1,912	3	60	South Korea	51,602	2	103
Chad	18,185	3	23	Lebanon	5,043	7	34	Spain	48,082	6	21
Chile	19,285	2	21	Lesotho	2,325	3	27	Sri Lanka	22,879	6	31
China	1,448,984	4	25	Liberia	5,716	3	16	Sudan	49,676	3	11
Colombia	54,955	3	12	Libya	7,145	8	14	Suriname	588	3	11
Comoros	954	9	18	Lithuania	2,882	6	27	Swaziland	1,443	2	360
Congo, R	5,970	3	30	Luxembourg	608	7	16	Sweden	10,378	4	200
Costa Rica	5,549	3	19	Macedonia	2,094	8	23	Switzerland	9,067	4	60
Croatia	4,102	7	120	Madagascar	31,741	3	21	Syria	27,865	10	17
Cuba	11,019	3	21	Malawi	22,776	2	25	Tajikistan	10,539	10	10
Cyprus	1,266	7	21	Malaysia	34,956	4	25	Tanzania	69,329	3	30
Czech Republic	11,019	7	240	Maldives	414	10	17	Thailand	67,900	7	20
Denmark	5,894	4	360	Mali	22,319	7	29	Togo	9,019	3	15
Djibouti	1,023	10	21	Malta	438	6	31	Trinidad & Tobago	1,333	2	21
Dominican R	11,759	3	26	Martinique	414	4	45	Tunisia	12,231	10	15
DR Congo	92,117	4	19	Mauritania	5,097	10	11	Turkey	83,713	11	60
Ecuador	18,563	3	15	Mauritius	1,283	3	23	Turkmenistan	5,951	11	34
Egypt	96,989	4	16	Mexico	138,195	3	19	U Arab Emirates	11,479	6	13
El Salvador	6,759	1	16	Moldova	3,206	4	23	Uganda	54,832	2	19
Equatorial Guinea	1,023	5	14	Mongolia	3,270	6	9	Ukraine	41,560	4	23
Eritrea	8,737	6	16	Montenegro	615	9	23	Uruguay	3,536	4	23
Estonia	1,238	4	144	Morocco	37,723	10	16	USA	350,626	1	90
Ethiopia	124,537	2	17	Mozambique	34,459	3	13	Uzbekistan	32,991	8	16
Finland	5,607	3	200	Myanmar	57,650	4	29	Vanuatu	322	1	23
France	67,967	6	30	Namibia	2,830	3	33	Venezuela	35,383	3	23
French Guiana	328	4	21	Nepal	31,493	5	14	Viet Nam	99,811	5	28
French Polynesia	308	3	28	Netherlands	17,180	4	120	Yemen	31,279	11	14
Gabon	2,165	3	26	New Zealand	5,021	2	144	Zambia	21,388	2	23
Gambia	2,660	7	8	Nicaragua	7,038	2	13	Zimbabwe	18,748	2	33