



Global DNA Profiling Survey Results 2016

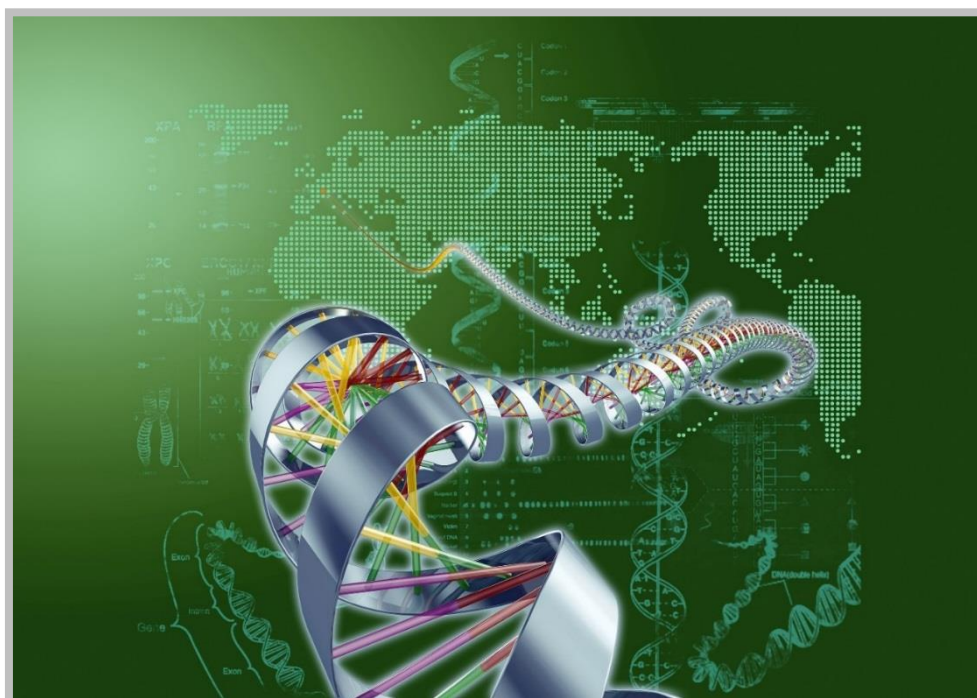


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Summary of results

Every two years, INTERPOL conducts a global DNA profiling survey to monitor the use of DNA profiling and DNA databases in countries.

In January 2017, INTERPOL's 190 National Central Bureaus were asked to provide their national DNA statistics as of the end of 2016. The results are as follows:

- **95** (50%) member countries responded to the 2016 Survey, of which:
 - **84** member countries reported using DNA profiling in police investigations,
 - **69** member countries reported having a national DNA database (a centralized searchable repository),
 - **73** member countries reported using Y-STR analysis,
 - **31** member countries reported using mitochondrial DNA analysis,
 - The estimated global total of DNA profiles reported by member countries and member countries' overseas sub-bureaus is **35,413,155** DNA profiles.

These numbers reflect the redactions requested by member countries.

NB: If you wish to modify your country statistics, please inform the INTERPOL DNA Unit via your country's INTERPOL National Central Bureau.

**84 INTERPOL member countries that use DNA profiling in criminal investigations
(as of end of 2016)**

Region	Member Country
AFRICA	Algeria
	Botswana
	Egypt
	Ghana
	Seychelles
	South Africa
	Sudan
	Swaziland
	Tunisia
TOTAL	9
AMERICAS	Brazil
	Canada
	Chile
	Colombia
	Costa Rica
	Ecuador
	El Salvador
	Honduras
	Nicaragua
	Panama
	St. Lucia
	United States of America
	Uruguay
TOTAL	13
ASIA & SOUTH PACIFIC	Australia
	Bahrain
	Brunei
	China
	India
	Iraq
	Japan
	Kuwait
	Lebanon
	Malaysia
	Nepal
	New Zealand
	Philippines
	Saudi Arabia
	Singapore
	Syria
	Turkmenistan
	Uzbekistan
	Vietnam
TOTAL	19

Region	Member Country
EUROPE	Albania
	Andorra
	Armenia
	Austria
	Azerbaijan
	Belarus
	Belgium
	Bosnia & Herzegovina
	Bulgaria
	Cyprus
	Czech Republic
	Denmark
	Estonia
	Finland
	France
	FYR Macedonia
	Georgia
	Germany
	Greece
	Hungary
	Iceland
	Ireland
	Israel
	Latvia
	Liechtenstein
	Lithuania
	Luxembourg
	Malta
	Monaco
	Montenegro
	Netherlands
	Norway
	Portugal
	Romania
	Russia
	Serbia
	Slovakia
	Slovenia
	Spain
	Sweden
	Switzerland
	Ukraine
	United Kingdom
TOTAL	43

**69 INTERPOL member countries with a national DNA database
(as of end of 2016)**

Region	Member country
AFRICA	Botswana
	Egypt
	South Africa
	Sudan
	Tunisia
TOTAL	5
AMERICAS	Brazil
	Canada
	Chile
	Colombia
	Costa Rica
	Ecuador
	El Salvador
	Honduras
	Panama
	St Lucia
	United States of America
	Uruguay
TOTAL	12
ASIA & SOUTH PACIFIC	Australia
	Bahrain
	China
	Iraq
	Japan
	Kuwait
	Lebanon
	Malaysia
	New Zealand
	Philippines
	Saudi Arabia
	Singapore
	Syria
	Vietnam
TOTAL	14

Region	Member country
EUROPE	Albania
	Austria
	Azerbaijan
	Belarus
	Belgium
	Bulgaria
	Cyprus
	Czech Republic
	Denmark
	Estonia
	Finland
	France
	FYR Macedonia
	Georgia
	Germany
	Greece
	Hungary
	Iceland
	Ireland
	Israel
	Latvia
	Liechtenstein
	Lithuania
	Luxembourg
	Malta
	Montenegro
	Netherlands
	Norway
	Portugal
	Romania
	Russia
	Slovakia
	Slovenia
	Spain
	Sweden
	Switzerland
	Ukraine
	United Kingdom
TOTAL	38

INTERPOL Member Country	DNA Profiling	DNA Database	Database Software	Profiling Category						Total Number of Profiles
				Reference	Crime Scene	Missing Persons	Relatives of Missing Persons	Unidentified Human Remains	Other	
Algeria	Yes	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Benin	-	-	-	-	-	-	-	-	-	-
Botswana	Yes	Yes	CODIS	10,763	250	-	-	5	-	11,018
Burkina Faso	-	-	-	-	-	-	-	-	-	-
Burundi	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Cape Verde	-	-	-	-	-	-	-	-	-	-
Central African Republic	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
Comoros	-	-	-	-	-	-	-	-	-	-
Congo	-	-	-	-	-	-	-	-	-	-
Congo (Democratic Rep)	-	-	-	-	-	-	-	-	-	-
Côte d'Ivoire	-	-	-	-	-	-	-	-	-	-
Djibouti	-	-	-	-	-	-	-	-	-	-
Egypt	Yes	Yes	National Design	-	-	-	-	-	4,162	4,162
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Eritrea	-	-	-	-	-	-	-	-	-	-
Ethiopia	No	No	-	-	-	-	-	-	-	-
Gabon	No	No	-	-	-	-	-	-	-	-
Gambia	-	-	-	-	-	-	-	-	-	-
Ghana	Yes	No	-	202	338	3	1	1	648	1,193
Guinea	-	-	-	-	-	-	-	-	-	-
Guinea Bissau	-	-	-	-	-	-	-	-	-	-
Kenya	-	-	-	-	-	-	-	-	-	-
Lesotho	-	-	-	-	-	-	-	-	-	-
Liberia	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Madagascar	-	-	-	-	-	-	-	-	-	-
Malawi	-	-	-	-	-	-	-	-	-	-
Mali	-	-	-	-	-	-	-	-	-	-
Mauritania	-	-	-	-	-	-	-	-	-	-
Mauritius	-	-	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Namibia	-	-	-	-	-	-	-	-	-	-

INTERPOL Member Country	DNA Profiling	DNA Database	Database Software	Profiling Category						Total Number of Profiles
				Reference	Crime Scene	Missing Persons	Relatives of Missing Persons	Unidentified Human Remains	Other	
Niger	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Rwanda	-	-	-	-	-	-	-	-	-	-
Sao Tome & Principe	-	-	-	-	-	-	-	-	-	-
Senegal	-	-	-	-	-	-	-	-	-	-
Seychelles	Yes	Planned	-	-	-	-	-	-	-	-
Sierra Leone	-	-	-	-	-	-	-	-	-	-
Somalia	-	-	-	-	-	-	-	-	-	-
South Africa	Yes	Yes	National Design	31,333	349,788	9,791	8,224	-	26,305	425,441
South Sudan	-	-	-	-	-	-	-	-	-	-
Sudan	Yes	Yes	-	-	-	-	-	-	-	-
Swaziland	Yes	No	-	-	-	3	-	4	79	86
Tanzania	-	-	-	-	-	-	-	-	-	-
Togo	-	-	-	-	-	-	-	-	-	-
Tunisia	Yes	Yes	National Design	9,745	6,261	235	720	109	-	17,070
Uganda	-	-	-	-	-	-	-	-	-	-
Zambia	-	-	-	-	-	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-	-	-	-	-
Total number of profiles for region										458,970

Key: * = Member Country Sub-Bureau
 - = no information provided to INTERPOL DNA Survey
 X = information redacted as per country's request

INTERPOL Member Country	DNA Profiling	DNA Database	Database Software	Profiling Category						Total Number of Profiles
				Reference	Crime Scene	Missing Persons	Relatives of Missing Persons	Unidentified Human Remains	Others	
Anguilla (UK)*	-	-	-	-	-	-	-	-	-	-
Antigua & Barbuda	-	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Barbados	-	-	-	-	-	-	-	-	-	-
Belize	-	-	-	-	-	-	-	-	-	-
Bermuda (UK)*	Yes	Yes	SmallPond LLC	5,464	300	-	-	-	-	5,764
Bolivia	-	-	-	-	-	-	-	-	-	-
Brazil	Yes	Yes	CODIS	1,399	4,298	12	713	1,090	11	7,523
British Virgin Islands (UK)*	-	-	-	-	-	-	-	-	-	-
Canada	Yes	Yes	CODIS	341,145	126,485	-	-	-	-	467,630
Cayman Islands (UK)*	-	-	-	-	-	-	-	-	-	-
Chile	Yes	Yes	CODIS	-	-	-	-	-	-	-
Colombia	Yes	Yes	CODIS	2,773	5,349	-	33,365	3,638	365	45,490
Costa Rica	Yes	Yes	CODIS	1,980	8,223	1	313	168	-	10,685
Cuba	-	-	-	-	-	-	-	-	-	-
Curacao	-	-	-	-	-	-	-	-	-	-
Dominica	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-	-	-	-	-	-	-
Ecuador	Yes	Yes	National Design	-	-	-	373	334	-	707
El Salvador	Yes	Yes	-	-	-	-	-	-	-	-
Grenada	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
Guyana	-	-	-	-	-	-	-	-	-	-
Haiti	-	-	-	-	-	-	-	-	-	-
Honduras	Yes	Yes	M-FISys	-	-	-	-	-	-	-
Jamaica	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Montserrat (UK)*	-	-	-	-	-	-	-	-	-	-
Nicaragua	Yes	No	-	-	1,750	-	-	-	-	1,750
Panama	Yes	Yes	CODIS	5,929	226	12	74	216	2,640	9,097

INTERPOL Member Country	DNA Profiling	DNA Database	Database Software	Profiling Category						Total Number of Profiles
				Reference	Crime Scene	Missing Persons	Relatives of Missing Persons	Unidentified Human Remains	Others	
Paraguay	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Sint Maarten	-	-	-	-	-	-	-	-	-	-
St Kitts & Nevis	-	-	-	-	-	-	-	-	-	-
St Lucia	Yes	Yes	Excel	-	1,000	-	-	-	200	1,200
St Vincent & Grenadines	No	No	-	-	-	-	-	-	-	-
Suriname	-	-	-	-	-	-	-	-	-	-
Trinidad & Tobago	-	-	-	-	-	-	-	-	-	-
Turks and Caicos (UK)*	-	-	-	-	-	-	-	-	-	-
United States of America	Yes	Yes	CODIS	15,272,956	750,217	1,665	20,984	10,628	-	16,056,450
Uruguay	Yes	Yes	CODIS	18,955	700	-	-	-	-	19,655
Venezuela	-	-	-	-	-	-	-	-	-	-
									Total number of profiles for region	16,625,951

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INTERPOL Member Country	DNA Profiling	DNA Database	Database Software	Profiling Category						Total Number of Profiles
				Reference	Crime Scene	Missing Persons	Relatives of Missing Persons	Unidentified Human Remains	Other	
Afghanistan	-	-	-	-	-	-	-	-	-	-
Australia	Yes	Yes	National Design	715,841	309,643	248	-	1,049	29,985	1,056,766
Bahrain	Yes	Yes	National Design	33,466	11,925	-	-	4	-	45,395
Bangladesh	-	-	-	-	-	-	-	-	-	-
Bhutan	-	-	-	-	-	-	-	-	-	-
Brunei	Yes	No	-	193	985	-	-	-	49	1,227
Cambodia	No	No	-	-	-	-	-	-	-	-
China	Yes	Yes	-	X	X	X	X	X	X	X
Hong Kong (China)*	-	-	-	-	-	-	-	-	-	-
Macao (China)*	Yes	No	-	-	-	-	-	-	-	-
Fiji	-	-	-	-	-	-	-	-	-	-
India	Yes	No	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	Yes	Yes	Gene Marker	5,600	-	-	-	-	-	5,600
Japan	Yes	Yes	National Design	895,000	42,000	300	1,200	4,500	-	X
Jordan	-	-	-	-	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-	-	-	-	-
Korea (Rep. of)	-	-	-	-	-	-	-	-	-	-
Kuwait	Yes	Yes	DNA-View - FSS-ID	21,214	-	-	2,300	4,183	1,427	29,124
Kyrgyzstan	No	No	-	-	-	-	-	-	-	-
Laos	No	No	-	-	-	-	-	-	-	-
Lebanon	Yes	Yes	National Design	62,000	34,000	-	-	-	-	96,000
Malaysia	Yes	Yes	National Design	46,615	4,009	3	-	-	11,107	61,734
Maldives	-	-	-	-	-	-	-	-	-	-
Marshall Islands	-	-	-	-	-	-	-	-	-	-
Mongolia	-	-	-	-	-	-	-	-	-	-
Myanmar	X	X	X	X	X	X	X	X	X	X
Nauru	-	-	-	-	-	-	-	-	-	-
Nepal	Yes	No	-	-	-	-	-	-	-	-
New Zealand	Yes	Yes	National Design	179,219	38,125	-	-	-	-	217,344
Oman	-	-	-	-	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Philippines	Yes	Yes	CODIS	582	2,403	71	281	600	4,868	8,805

INTERPOL Member Country	DNA Profiling	DNA Database	Database Software	Profiling Category						Total Number of Profiles
				Reference	Crime Scene	Missing Persons	Relatives of Missing Persons	Unidentified Human Remains	Other	
Qatar	X	X	X	X	X	X	X	X	X	X
Samoa	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	Yes	Yes	CLIMS	-	-	-	-	-	909,745	909,745
Singapore	Yes	Yes	CODIS	230,000	10,000	-	-	-	-	240,000
Sri Lanka	-	-	-	-	-	-	-	-	-	-
Syria	Yes	Yes	CODIS + National Design	-	-	-	-	-	-	-
Tajikistan	-	-	-	-	-	-	-	-	-	-
Thailand	-	-	-	-	-	-	-	-	-	-
Timor - Leste	-	-	-	-	-	-	-	-	-	-
Tonga	-	-	-	-	-	-	-	-	-	-
Turkmenistan	Yes	No	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Uzbekistan	Yes	No	-	-	-	-	-	-	-	-
Vietnam	Yes	Yes	National Design	820	2,500	35	32	30	-	3,417
Yemen	-	-	-	-	-	-	-	-	-	-
Total number of profiles for region										3,618,157

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INTERPOL Member Country	DNA Profiling	DNA Database	Database Software	Profiling Category						Total Number of Profiles
				Reference	Crime Scene	Missing Persons	Relatives of Missing Persons	Unidentified Human Remains	Other	
Albania	Yes	Yes	CODIS	-	1,000	-	-	-	-	1,000
Andorra	Yes	No	-	-	-	-	-	-	-	-
Armenia	Yes	No	-	-	-	-	-	-	-	-
Austria	Yes	Yes	National Design	210,000	95,535	180	180	200	9,000	315,095
Azerbaijan	Yes	Yes	-	-	-	-	-	-	-	-
Belarus	Yes	Yes	National Design	165,297	31,774	-	12,755	615	-	210,441
Belgium	Yes	Yes	CODIS	41,494	46,890	-	-	-	-	88,384
Bosnia & Herzegovina	Yes	No	-	-	-	-	-	-	-	-
Bulgaria	Yes	Yes	National Design	15,883	1,519	-	-	108	-	17,510
Croatia	-	-	-	-	-	-	-	-	-	-
Cyprus	Yes	Yes	National Design	463	14,249	-	-	10	-	14,722
Czech Republic	Yes	Yes	CODIS	193,139	18,486	92	592	616	1,649	214,574
Denmark	Yes	Yes	CODIS	120,324	44,861	-	-	-	-	165,185
Estonia	Yes	Yes	CODIS	51,489	9,867	35	295	273	-	61,959
Finland	Yes	Yes	CODIS	166,889	20,886	-	-	-	-	187,775
Former Yugoslav Rep. of Macedonia	Yes	Yes	eQMS::DNA v.2.5	20,045	7,409	-	-	-	-	27,454
France	Yes	Yes	National Design	3,560,000	378,000	687	250	1,415	-	3,940,352
Georgia	Yes	Yes	CODIS	2,724	2,336	66	-	14	3,914	9,054
Germany	Yes	Yes	National Design	864,634	301,679	-	-	-	-	1,166,313
Greece	Yes	Yes	CODIS	10,543	14,933	37	192	673	479	26,857
Hungary	Yes	Yes	CODIS	138,369	7,065	-	-	107	-	145,541
Iceland	Yes	Yes	CODIS	-	-	-	-	-	-	-
Ireland	Yes	Yes	CODIS	10,781	2,894	17	136	17	672	14,517
Israel	Yes	Yes	CODIS	400,000	26,000	19	800	311	-	427,130
Italy	-	-	-	-	-	-	-	-	-	-
Latvia	Yes	Yes	CODIS	53,902	5,488	40	445	668	-	60,543
Liechtenstein	Yes	Yes	CODIS	384	328	3	3	1	98	817
Lithuania	Yes	Yes	CODIS	90,001	5,954	-	343	462	227	96,987
Luxembourg	Yes	Yes	National Design	2,749	5,088	-	-	-	-	7,837
Malta	Yes	Yes	-	31	336	-	3	31	78	479
Moldova	No	No	-	-	-	-	-	-	-	-

INTERPOL Member Country	DNA Profiling	DNA Database	Database Software	Profiling Category						Total Number of Profiles
				Reference	Crime Scene	Missing Persons	Relatives of Missing Persons	Unidentified Human Remains	Other	
Monaco	Yes	No	CODIS	-	-	-	-	-	-	-
Montenegro	Yes	Yes	CODIS	3,900	500	3	14	9	-	4,426
Netherlands	Yes	Yes	CODIS	252,513	70,372	343	1,061	581	3,862	328,732
Norway	Yes	Yes	CODIS	77,899	11,899	179	600	319	-	90,896
Poland	X	X	X	X	X	X	X	X	X	X
Portugal	Yes	Yes	CODIS	-	-	-	-	-	-	-
Romania	Yes	Yes	CODIS	35,644	1,218	13	97	58	3,955	40,985
Russia	Yes	Yes	National Design	329,304	96,264	-	-	15,155	-	440,723
San Marino	No	No	-	-	-	-	-	-	-	-
Serbia	Yes	No	-	-	-	-	-	-	-	-
Slovakia	Yes	Yes	CODIS	59,211	11,478	25	852	448	12,058	84,072
Slovenia	Yes	Yes	National Design	32,517	7,350	-	129	20	-	40,016
Spain	Yes	Yes	CODIS	200,620	62,081	383	1,415	963	-	265,462
Sweden	Yes	Yes	CODIS	156,377	32,529	-	-	-	-	188,906
Switzerland	Yes	Yes	CODIS	185,216	68,935	566	856	631	-	256,204
Turkey	-	-	-	-	-	-	-	-	-	-
Ukraine	Yes	Yes	CODIS + National Design	8,687	4,940	120	1,561	1,008	-	16,316
United Kingdom	Yes	Yes	-	5,222,531	528,332	1,268	490	192	-	5,752,813
Gibraltar (UK)*	-	-	-	-	-	-	-	-	-	-
Vatican City State	-	-	-	-	-	-	-	-	-	-
Total number of profiles for region									14,710,077	

Key: * = Member Country Sub-Bureau
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 X = information redacted as per country's request

INTERPOL's 190 member countries

95 countries, highlighted in grey, replied to the 2016 survey

AFRICA	AMERICAS	ASIA & SOUTH PACIFIC	EUROPE
Algeria	Antigua & Barbuda	Afghanistan	Albania
Angola	Argentina	Australia	Andorra
Benin	Aruba	Bahrain	Armenia
Botswana	Bahamas	Bangladesh	Austria
Burkina Faso	Barbados	Bhutan	Azerbaijan
Burundi	Belize	Brunei	Belarus
Cameroon	Bolivia	Cambodia	Belgium
Cape Verde	Brazil	China	Bosnia & Herzegovina
Central African Republic	Canada	Fiji	Bulgaria
Chad	Chile	India	Croatia
Comoros	Colombia	Indonesia	Cyprus
Congo	Costa Rica	Iran	Czech Republic
Congo (Dem. Rep.)	Cuba	Iraq	Denmark
Côte d'Ivoire	Curacao	Japan	Estonia
Djibouti	Dominica	Jordan	Finland
Egypt	Dominican Republic	Kazakhstan	France
Equatorial Guinea	Ecuador	Korea (Rep. of)	FYR Macedonia
Eritrea	El Salvador	Kuwait	Georgia
Ethiopia	Grenada	Kyrgyzstan	Germany
Gabon	Guatemala	Laos	Greece
Gambia	Guyana	Lebanon	Hungary
Ghana	Haiti	Malaysia	Iceland
Guinea	Honduras	Maldives	Ireland
Guinea Bissau	Jamaica	Marshall Islands	Israel
Kenya	Mexico	Mongolia	Italy
Lesotho	Nicaragua	Myanmar	Latvia
Liberia	Panama	Nauru	Liechtenstein
Libya	Paraguay	Nepal	Lithuania
Madagascar	Peru	New Zealand	Luxembourg
Malawi	Sint Maarten	Oman	Malta
Mali	St. Kitts & Nevis	Pakistan	Moldova
Mauritania	St. Lucia	Papua New Guinea	Monaco
Mauritius	St. Vincent & the Grenadines	Philippines	Montenegro
Morocco	Suriname	Qatar	Netherlands
Mozambique	Trinidad & Tobago	Samoa	Norway
Namibia	United States of America	Saudi Arabia	Poland
Niger	Uruguay	Singapore	Portugal
Nigeria	Venezuela	Sri Lanka	Romania
Rwanda	TOTAL: 38	Syria	Russia
Sao Tome & Principe		Tajikistan	San Marino
Senegal		Thailand	Serbia
Seychelles		Timor - Leste	Slovakia
Sierra Leone		Tonga	Slovenia
Somalia		Turkmenistan	Spain
South Africa		United Arab Emirates	Sweden
South Sudan		Uzbekistan	Switzerland
Sudan		Vietnam	Turkey
Swaziland		Yemen	Ukraine
Tanzania		TOTAL: 48	United Kingdom
Togo			Vatican City
Tunisia			TOTAL: 50
Uganda			
Zambia			
Zimbabwe			
TOTAL: 54			

