
Low global physical activity despite two decades of policy progress

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1. The Global Observatory for Physical Activity – GoPA! Policy Directory

The Global Observatory for Physical Activity – GoPA! was launched in 2012 following the first Lancet Physical Activity Series. GoPA! has monitored national physical activity policy since 2015 (139 countries in 2015, 164 in 2021, 186 in 2025),¹⁻⁴ and has been an independent and local representatives-based observatory producing “physical activity Country Cards” that monitor research, surveillance, and policy indicators. These profiles are developed in partnership with key local researchers, government officers and practitioners. In the last decade GoPA! has tracked the progress of physical activity policy worldwide, supported global advocacy for physical activity, monitored the effects of the COVID-19 pandemic on physical activity and vice versa, and informed public health practice in many countries. The 2021 GoPA! report informed that 88.2% of the global population lived in countries lacking support and capacity for physical activity promotion, with large inequalities between country income-levels and world regions observed for physical activity policy, recommendations, and monitoring systems.⁵⁻⁷

Directory of national policy documents

A directory of national policy documents was developed in 2023-2025 as a comprehensive repository of publicly available national physical activity policies worldwide. This freely accessible surveillance resource via the GoPA! website allows for auditing and comparison of physical activity policy documents and content/details:

<https://new.globalphysicalactivityobservatory.com/directory.php>

Countries lists

The policy directory presents data for 218 countries worldwide. These were obtained from the GoPA! global list of countries [n=218] and the World Health Organization (WHO) list of countries [n=194], shown below

- The GoPA! world countries list included 218 countries: Afghanistan; Albania; Algeria; American Samoa; Andorra; Angola; Antigua and Barbuda; Argentina; Armenia; Aruba; Australia; Austria; Azerbaijan; Bahamas, The; Bahrain; Bangladesh; Barbados; Belarus; Belgium; Belize; Benin; Bermuda; Bhutan; Bolivia; Bosnia and Herzegovina; Botswana; Brazil; Brunei Darussalam; Bulgaria; Burkina Faso; Burundi; Cambodia; Cameroon; Canada; Cape Verde; Cayman Islands; Central African Republic; Chad; Channel Islands/Guernsey; Chile; China; Colombia; Comoros; Congo Rep.; Congo, Dem. Rep.; Cook Islands; Costa Rica; Cote d'Ivoire; Croatia; Cuba; Curaçao; Cyprus; Czech Republic; Denmark; Djibouti; Dominica; Dominican Republic; Ecuador; Egypt, Arab Rep.; El Salvador; England; Equatorial Guinea; Eritrea; Estonia; Eswatini; Ethiopia; Faeroe Islands; Fiji; Finland; France; French Polynesia; Gabon; Gambia, The; Georgia; Germany; Ghana; Greece; Greenland; Grenada; Guam; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Hong Kong SAR, China; Hungary; Iceland; India; Indonesia; Iran, Islamic Rep.; Iraq; Ireland; Isle of Man; Israel; Italy; Jamaica; Japan; Jordan; Kazakhstan; Kenya; Kiribati; Korea, Dem. People's Rep.; Korea, Rep.; Kosovo; Kuwait; Kyrgyz Republic; Lao PDR; Latvia; Lebanon; Lesotho; Liberia; Libya; Liechtenstein; Lithuania; Luxembourg; Macao SAR, China; Madagascar; Malawi; Malaysia; Maldives; Mali; Malta; Marshall Islands; Mauritania; Mauritius; Mexico; Micronesia, Fed. Sts.; Moldova, Republic of; Monaco; Mongolia; Montenegro; Morocco; Mozambique; Myanmar; Namibia; Nepal; Netherlands; New Caledonia; New Zealand; Nicaragua; Niger; Nigeria; North Macedonia; Northern Ireland; Northern Mariana Islands; Norway; Oman; Pakistan; Palau; Palestine/West Bank and Gaza; Panama; Papua New Guinea; Paraguay; Peru; Philippines; Poland; Portugal; Puerto Rico; Qatar; Romania; Russian Federation; Rwanda; Samoa; San Marino; Sao Tome and Principe; Saudi Arabia; Scotland; Senegal; Serbia; Seychelles; Sierra Leone; Singapore; Sint Maarten (Dutch part); Slovak Republic; Slovenia; Solomon Islands; Somalia; South Africa; South Sudan; Spain; Sri Lanka; St. Kitts and Nevis; St. Lucia; St. Martin (French part); St. Vincent and the Grenadines; Sudan; Suriname; Sweden; Switzerland; Syrian Arab Republic; Tajikistan; Tanzania; Thailand; Timor-Leste; Togo; Tonga; Trinidad and Tobago; Tunisia; Turkey; Turkmenistan; Turks and Caicos Islands; Tuvalu; Uganda; Ukraine; United Arab Emirates; United States; Uruguay; Uzbekistan; Vanuatu; Venezuela; Vietnam; Virgin Islands (U.S.); Wales; Yemen, Rep.; Zambia; Zimbabwe.

To develop the GoPA! countries' list, we used the World Bank list of 215 countries, with the exceptions that we divided the United Kingdom into England, Scotland, Wales, and Northern Ireland. Also, we combined information from China and Taiwan as the Greater China Area, and combined Palestine and West Bank and Gaza.^{8,9}

- The WHO world countries list included 194 countries: Afghanistan; Albania; Algeria; Andorra; Angola; Antigua and Barbuda; Argentina; Armenia; Australia; Austria; Azerbaijan; Bahamas, The; Bahrain; Bangladesh; Barbados;

Belarus; Belgium; Belize; Benin; Bhutan; Bolivia; Bosnia and Herzegovina; Botswana; Brazil; Brunei Darussalam; Bulgaria; Burkina Faso; Burundi; Cambodia; Cameroon; Canada; Cape Verde; Central African Republic; Chad; Chile; China; Colombia; Comoros; Congo Rep.; Congo, Dem. Rep.; Cook Islands; Costa Rica; Cote d'Ivoire; Croatia; Cuba; Cyprus; Czech Republic; Denmark; Djibouti; Dominica; Dominican Republic; Ecuador; Egypt, Arab Rep.; El Salvador; Equatorial Guinea; Eritrea; Estonia; Eswatini; Ethiopia; Fiji; Finland; France; Gabon; Gambia, The; Georgia; Germany; Ghana; Greece; Grenada; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Hungary; Iceland; India; Indonesia; Iran, Islamic Rep.; Iraq; Ireland; Israel; Italy; Jamaica; Japan; Jordan; Kazakhstan; Kenya; Kiribati; Korea, Dem. People's Rep.; Korea, Rep.; Kuwait; Kyrgyz Republic; Lao PDR; Latvia; Lebanon; Lesotho; Liberia; Libya; Lithuania; Luxembourg; Madagascar; Malawi; Malaysia; Maldives; Mali; Malta; Marshall Islands; Mauritania; Mauritius; Mexico; Micronesia, Fed. Sts.; Moldova, Republic of; Monaco; Mongolia; Montenegro; Morocco; Mozambique; Myanmar; Namibia; Nauru; Nepal; Netherlands; New Zealand; Nicaragua; Niger; Nigeria; Niue; North Macedonia; Norway; Oman; Pakistan; Palau; Panama; Papua New Guinea; Paraguay; Peru; Philippines; Poland; Portugal; Qatar; Romania; Russian Federation; Rwanda; Samoa; San Marino; Sao Tome and Principe; Saudi Arabia; Senegal; Serbia; Seychelles; Sierra Leone; Singapore; Slovak Republic; Slovenia; Solomon Islands; Somalia; South Africa; South Sudan; Spain; Sri Lanka; St. Kitts and Nevis; St. Lucia; St. Vincent and the Grenadines; Sudan; Suriname; Sweden; Switzerland; Syrian Arab Republic; Tajikistan; Tanzania; Thailand; Timor-Leste; Togo; Tonga; Trinidad and Tobago; Tunisia; Turkey; Turkmenistan; Tuvalu; Uganda; Ukraine; United Arab Emirates; United Kingdom; United States; Uruguay; Uzbekistan; Vanuatu; Venezuela; Vietnam; Yemen, Rep.; Zambia; Zimbabwe

- The countries that are not shared by the GoPA! and WHO lists are:
 - GoPA! list only: American Samoa; Aruba; Bermuda; Cayman Islands; Channel Islands/Guernsey; Curaçao; England; Faeroe Islands; French Polynesia; Greenland; Guam; Hong Kong SAR, China; Isle of Man; Kosovo; Liechtenstein; Macao SAR, China; New Caledonia; Northern Ireland; Northern Mariana Islands; Palestine/West Bank and Gaza; Puerto Rico; Scotland; Sint Maarten (Dutch part); St. Martin (French part); Turks and Caicos Islands; Virgin Islands (U.S.); Wales.
 - WHO list only: Nauru; Niue; United Kingdom.

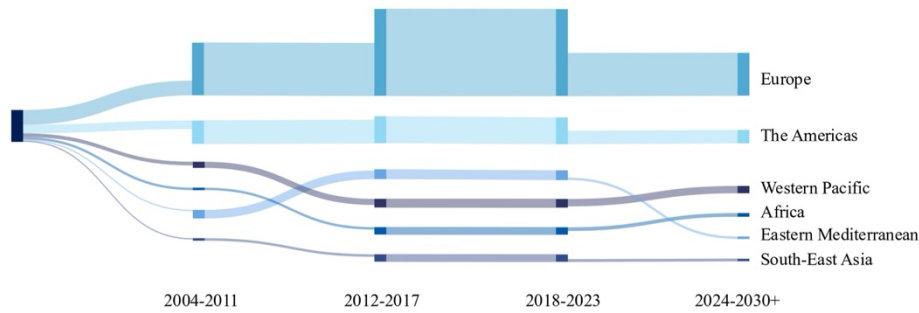
2. Global policy landscape: findings from the GoPA! Policy Directory

Table 1. Countries with physical activity policies.

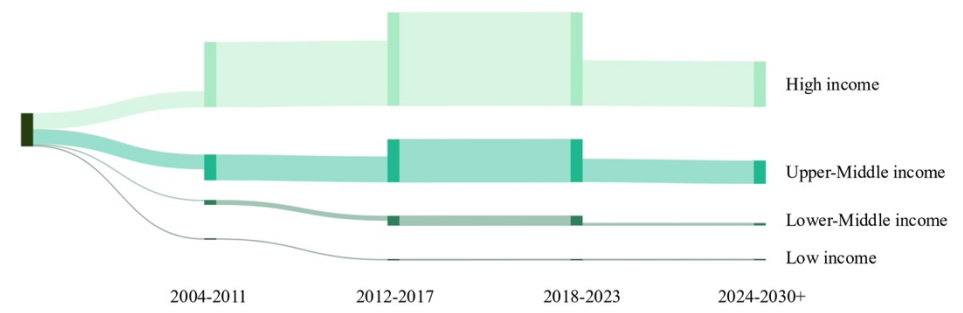
	Global Observatory for Physical Activity - GoPA! 2021 (n=168)	World Health Organization Country Capacity Survey 2022 and Physical Activity Report (n=190)**	GoPA! Global Physical Activity Policy Directory 2025 (n=218)
	%[95%CI]*	%[95%CI]*	%[95%CI]*
National standalone physical activity policy	36.6 [29.2-44.5]	45.8 [38.6-53.2]	35.8 [29.4-42.5]
National NCD policy including physical activity	48.2 [40.3-56.1]	42.6 [35.5-50.0]	56.0 [49.1-62.7]
Either national NCD policy including physical activity or a standalone physical activity policy	84.8 [78.3-89.9]	88.4 [83.0-92.6]	91.7 [87.3-95.0]
No national physical activity policy	15.2 [10.1-21.7]	11.6 [7.4-17.0]	8.3 [5.0-12.7]

*Binomial proportion 95% confidence interval; ** Source: 2022 WHO Physical Activity Report

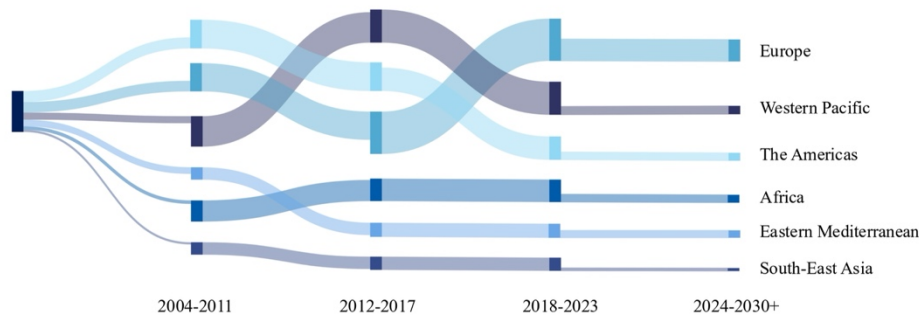
Standalone physical activity policies by region



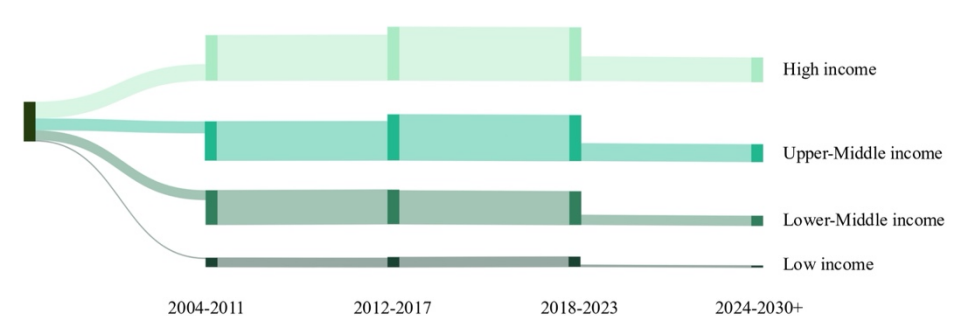
Standalone physical activity policies by income group



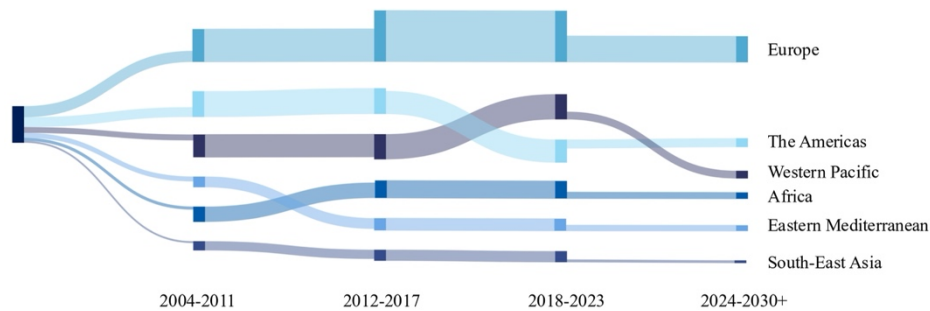
NCD policies including physical activity by region



NCD policies including physical activity by income group



Either national NCD policy including physical activity or a standalone physical activity policy by region



Either national NCD policy including physical activity or a standalone physical activity policy by income group

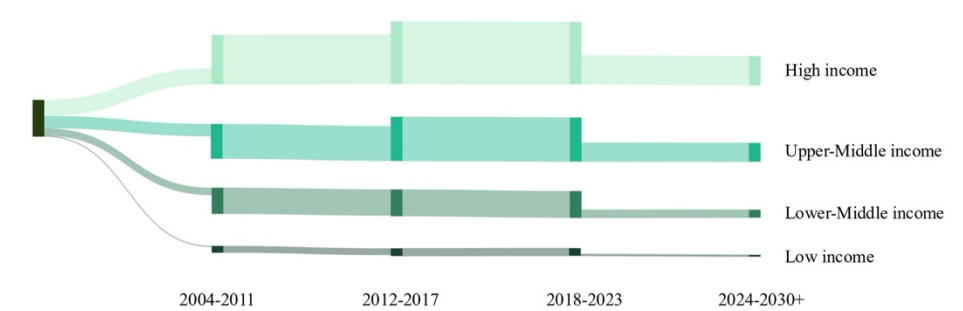
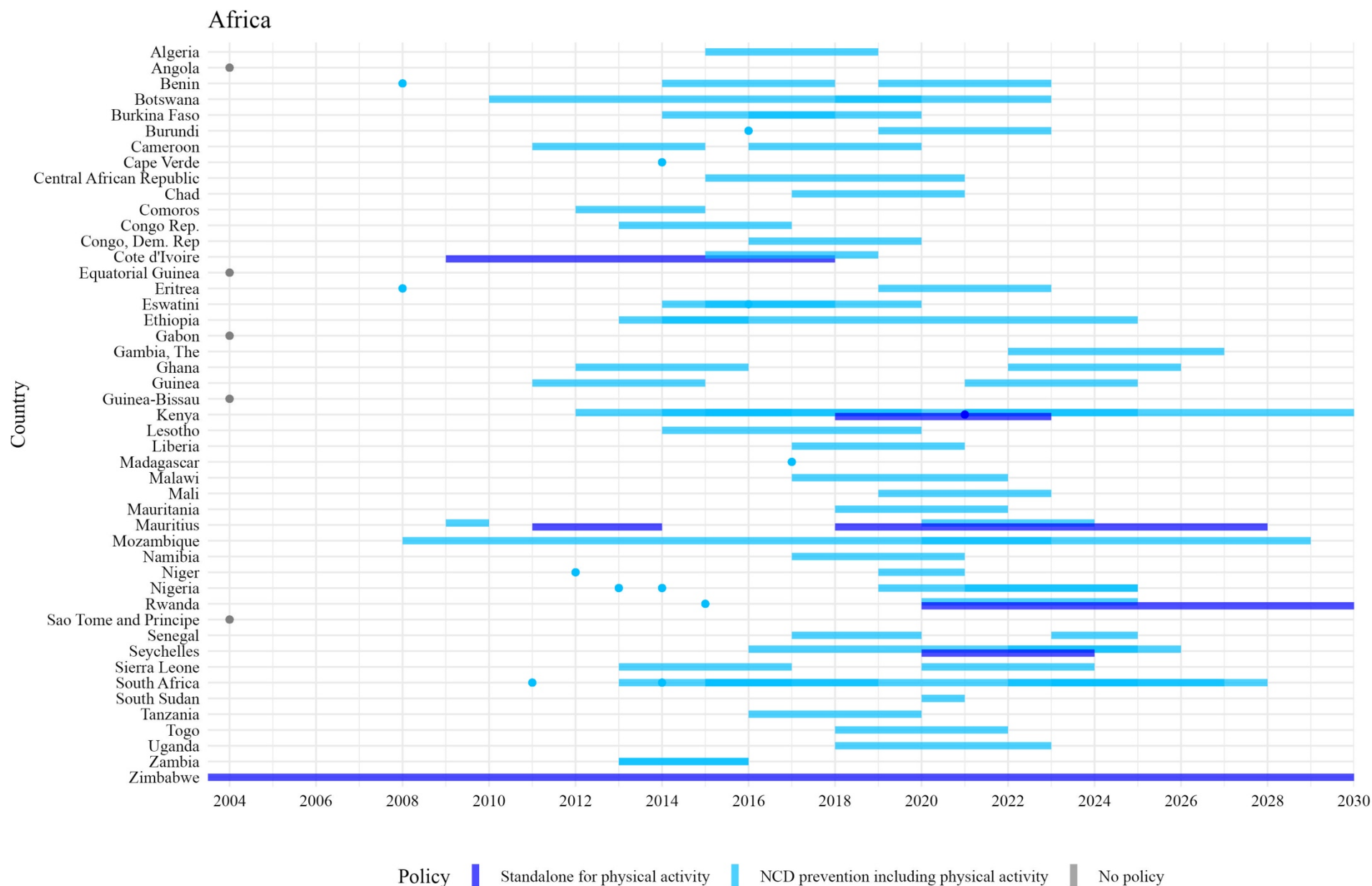


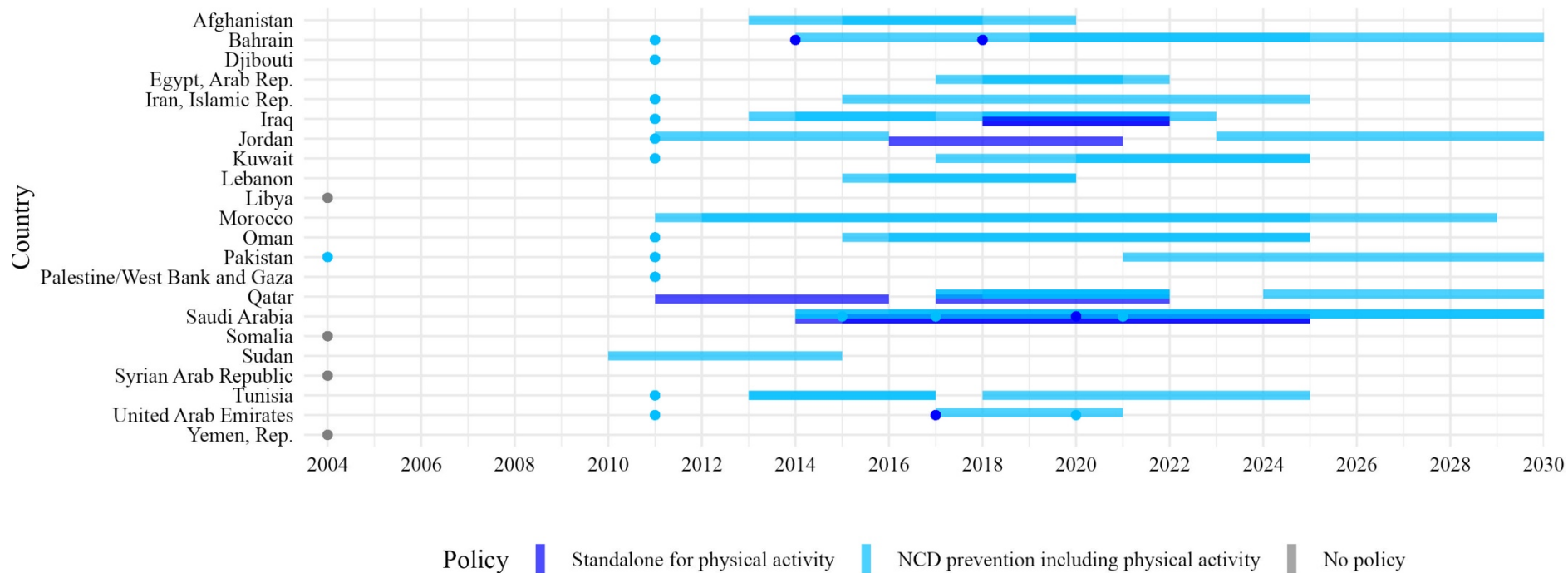
Figure 2. Frequency (absolute number of documents) of either national NCD policy including physical activity or a standalone physical activity policy between 2004-2030+ by region and income group. *Note.* This Sankey diagram emphasizes changes in absolute number of documents (represented by the width of the arrows) by timeframe by region and income group.

Figure 3. Availability (timeframe covered by the policy) of either national NCD policy including physical activity or a standalone physical activity policy between 2004-2030+ by world region and income group.

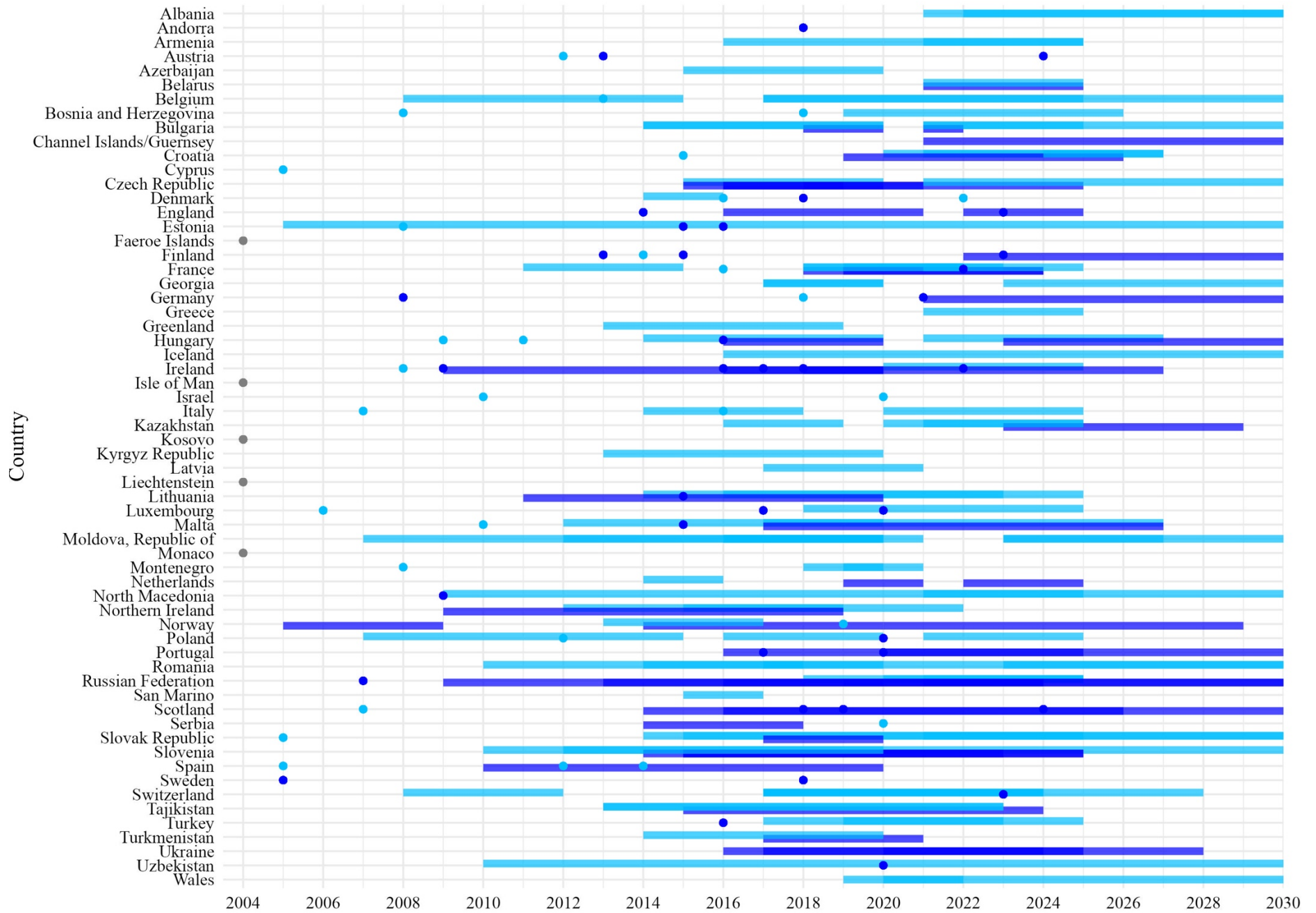
Note. The timeframe of the policies presented are based on the information available from the reviewed documents and sources. While some policies may be ongoing, this cannot be conclusively determined from the current data. Each dot represents a specific year in which information was found. Additionally, it should be noted that some policies may overlap temporally with others.



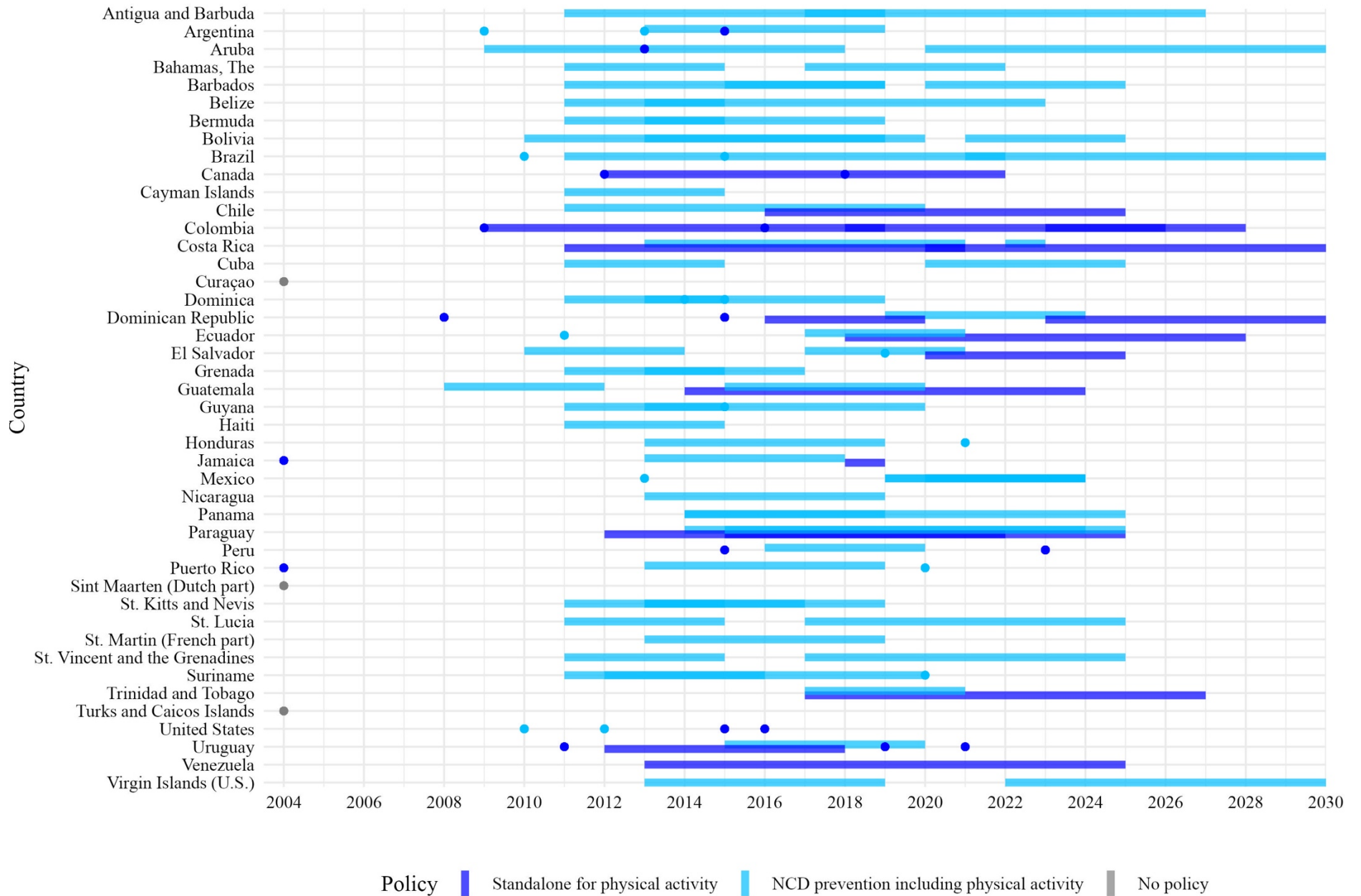
Eastern Mediterranean



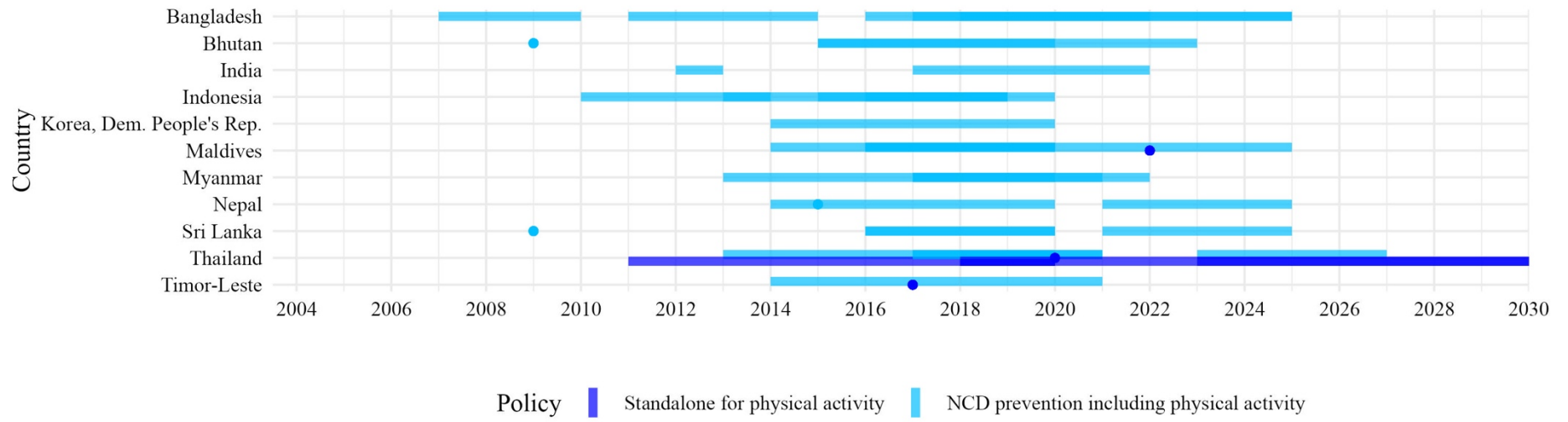
Europe



The Americas



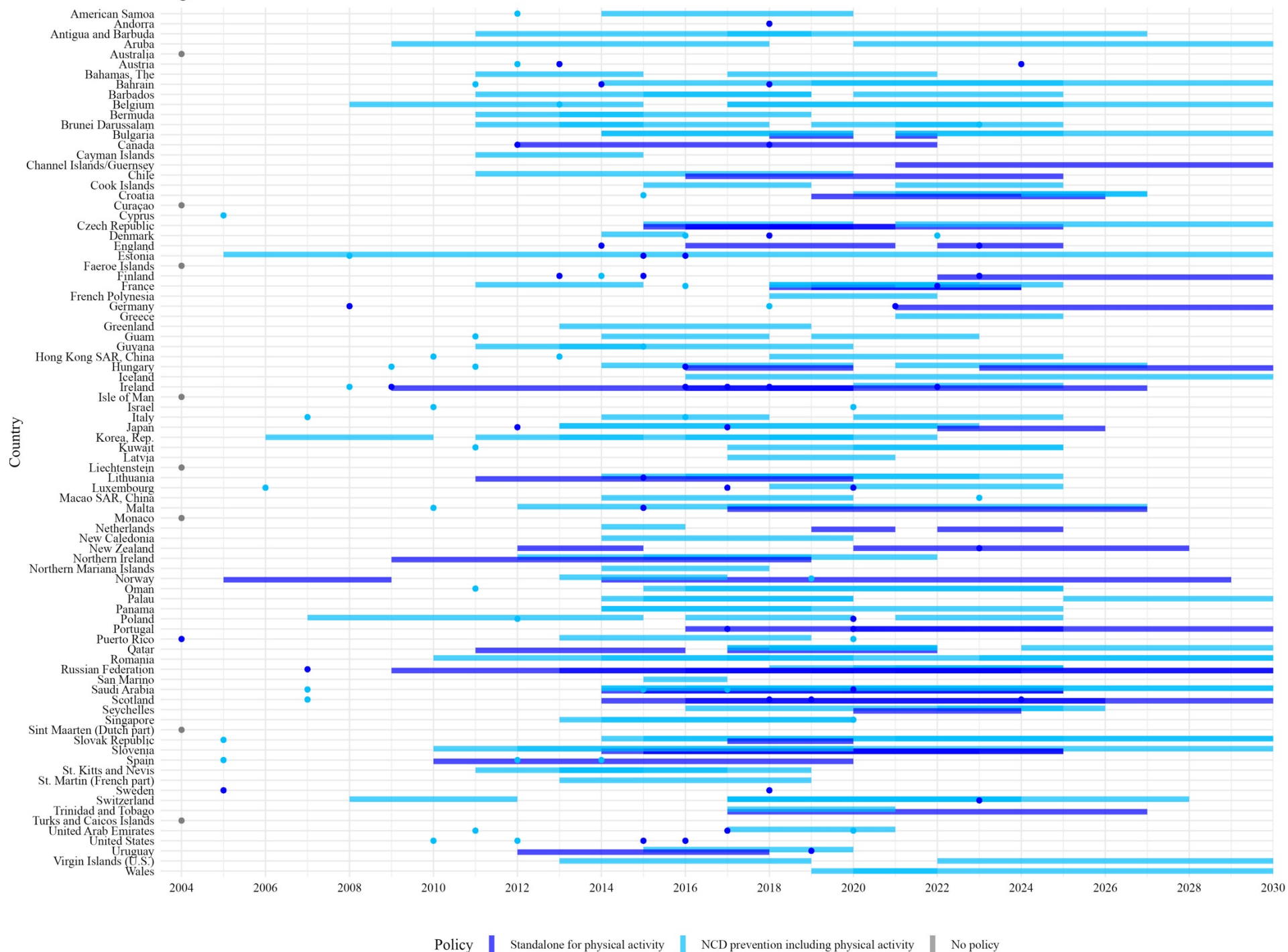
South-East Asia



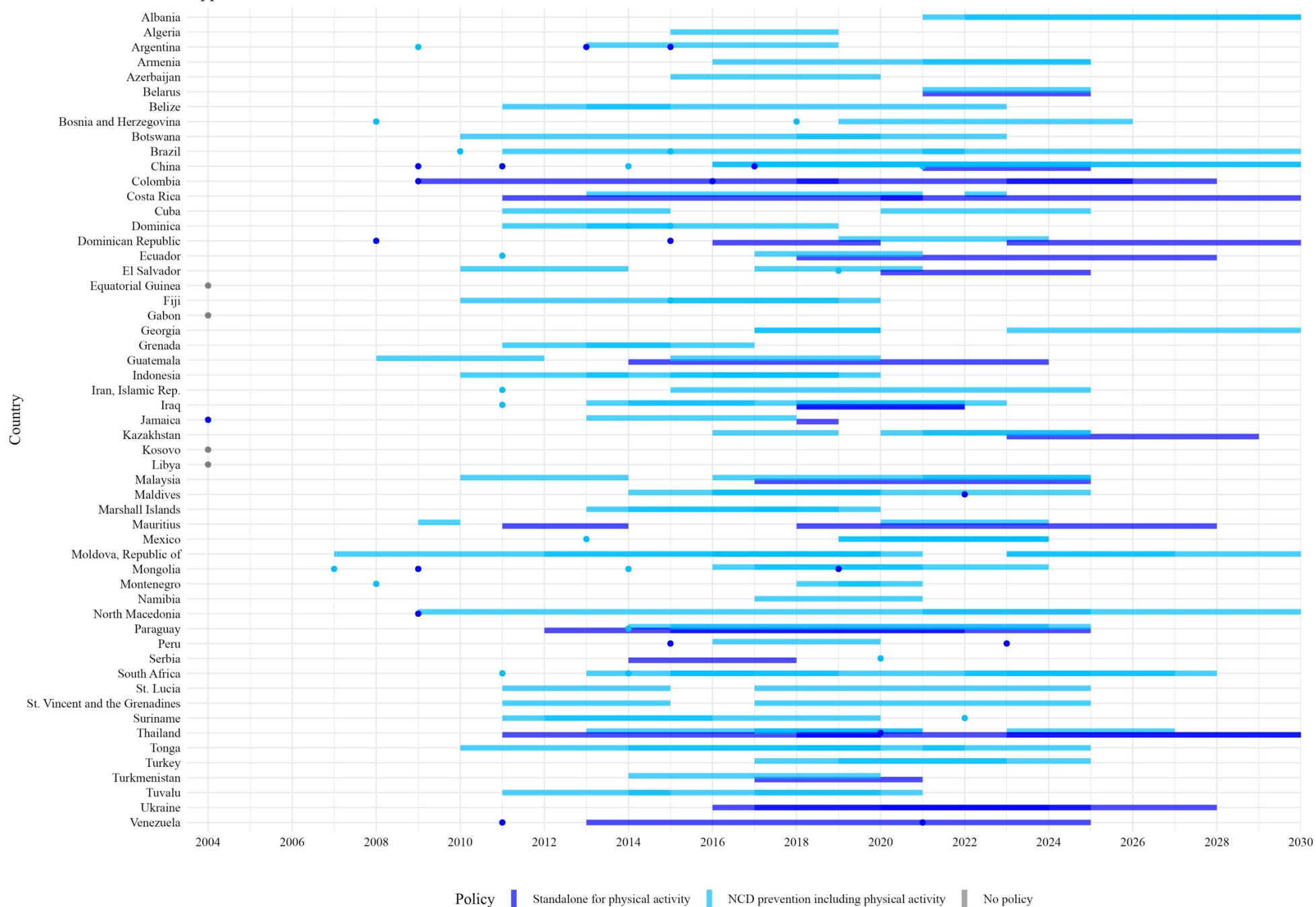
Western Pacific



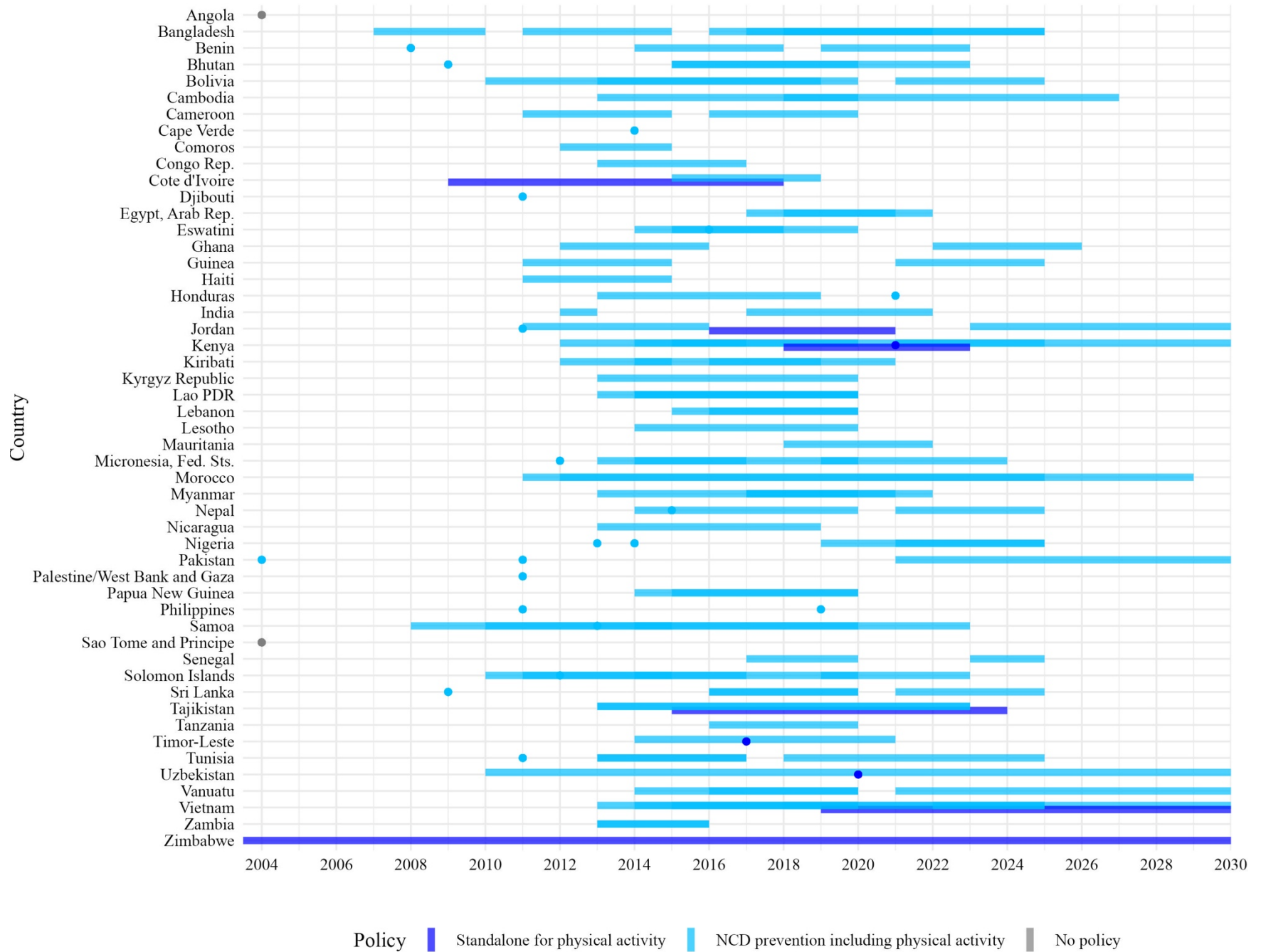
High income



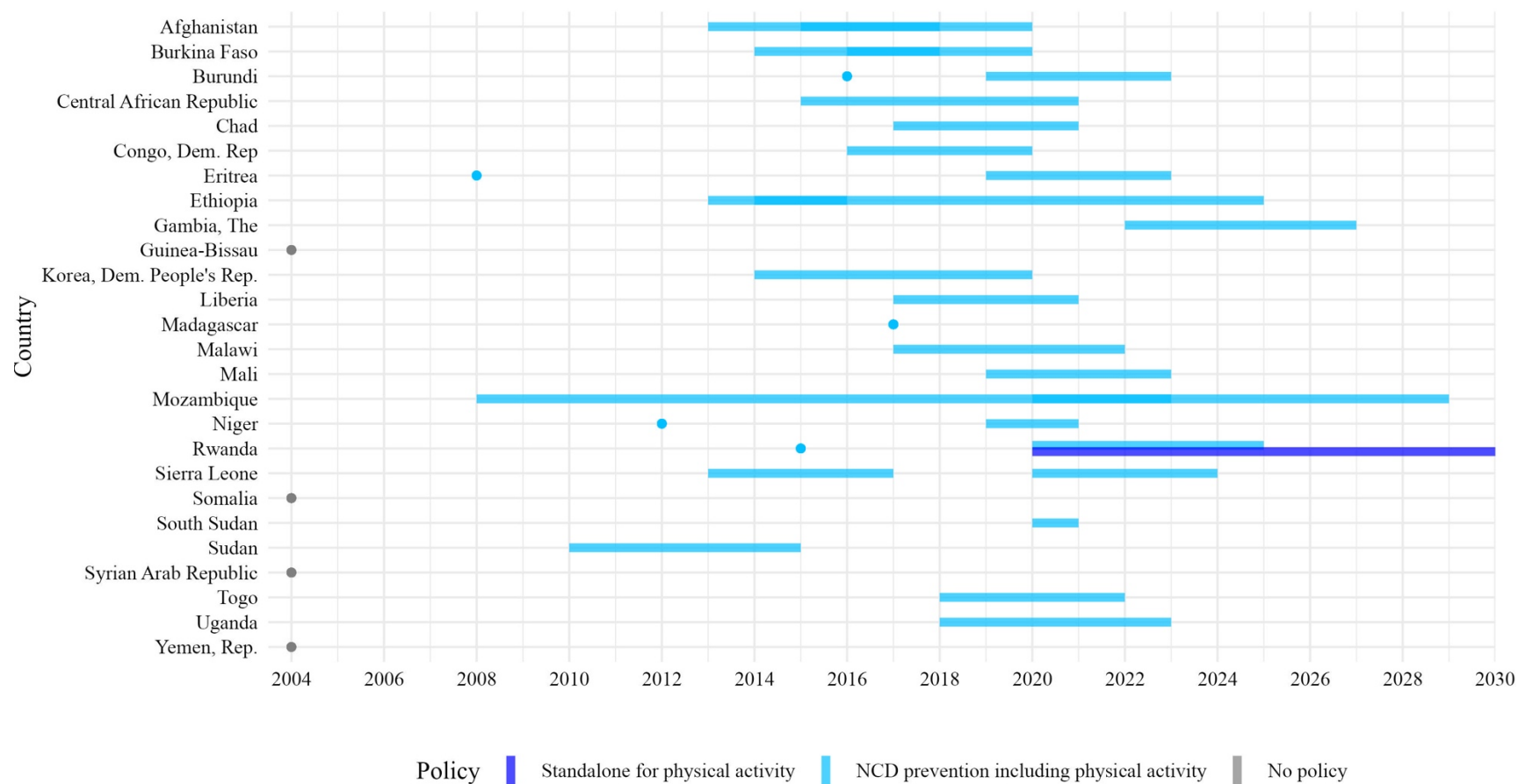
Upper-middle income



Lower-middle income



Low income



Sectors with specific actions for physical activity

The standalone physical activity policies and NCD policies including physical activity that were included in the policy directory (n=661 documents) were analyzed to identify the proportion of documents (without duplicates) by world region and income group with national physical activity policies that include sectors with assigned actions/activities for physical activity. The sectors were identified based on the CAPPA framework and additional sectors were incorporated for the data extraction¹⁰: health, sport, recreation and leisure, transport, physical education, education, environment, urban/rural planning and design, tourism, work and employment, public finance, research, and other.

Table 2. National standalone physical activity policy documents with sector-specific action for physical activity by world region and income group.

Region	Number of standalone physical activity policies	% (95% CI)*	Single sector policies (involves one sector)	% (95% CI)*	Two sector policies (involves two sectors)	% (95% CI)*	Comprehensive policies (multi- or intersectoral policy) (3 or more sectors involved)	% (95% CI)*	No sectors	% (95% CI)*
Africa	8	4.7 [2.0-9.0]	0	0.0 [0.0-36.9]**	0	0.0 [0.0-36.9]**	7	87.5 [47.4-99.7]	1	12.5 [0.3-52.6]
Eastern Mediterranean	11	6.4 [3.3-11.3]	1	9.1 [0.2-41.3]	2	18.2 [2.3-51.8]	6	54.5 [23.4-83.3]	2	18.2 [2.3-51.8]
Europe	95	55.5 [47.8-63.1]	12	12.6 [6.7-21.0]	21	22.1 [14.2-31.8]	42	44.2 [34.0-54.8]	20	21.1 [13.4-30.6]
The Americas	35	20.5 [14.7-27.3]	4	11.4 [3.2-26.7]	4	11.5 [3.2-26.7]	18	51.4 [34.0-68.6]	9	25.7 [12.5-43.3]
South-East Asia	7	4.1 [1.2-8.3]	1	14.3 [0.4-57.9]	1	14.3 [0.4-57.9]	4	57.1 [18.4-90.1]	1	14.3 [0.4-57.9]
Western Pacific	15	8.8 [5.0-14.1]	3	20.0 [4.3-48.1]	3	20.0 [4.3-48.1]	4	26.7 [7.8-55.1]	5	33.3 [11.8-61.6]
Total	171	100.0	21	12.3 [7.8-18.2]	31	18.1 [12.7-24.7]	81	47.4 [39.7-55.1]	38	22.2 [16.2-29.2]
Income group	Number of standalone physical activity policies	% (95% CI)*	Single sector policies (involves one sector)	% (95% CI)*	Two sector policies (involves two sectors)	% (95% CI)*	Comprehensive policies (multi- or intersectoral policy) (3 or more sectors involved)	% (95% CI)*	No sectors	% (95% CI)*
High Income	109	63.7 [56.1-70.9]	15	13.8 [7.9-21.7]	25	22.9 [15.4-32.0]	44	40.4 [31.1-50.2]	25	22.9 [15.4-32.0]
Upper-Middle Income	51	29.8 [23.1-37.3]	4	7.8 [2.2-18.9]	4	7.8 [2.2-18.9]	30	58.9 [44.2-72.4]	13	25.5 [14.3-39.6]
Lower-Middle Income	10	5.9 [2.8-10.5]	2	20.0 [2.5-55.6]	2	20.0 [2.5-55.6]	6	60.0 [26.2-87.8]	0	0.0 [0.0-30.8]**
Low Income	1	0.6 [0.0-3.2]	0	0.0 [0.0-97.5]**	0	0.0 [0.0-97.5]**	1	100.0 [2.5-100.0]**	0	0.0 [0.0-97.5]**
Total	171	100	21	12.3 [7.8-18.2]	31	18.1 [12.7-24.7]	81	47.4 [39.7-55.1]	38	22.2 [16.2-29.2]

*Binomial proportion 95% confidence interval.

** One-sided 97.5% confidence interval.

Table 3. National NCD policy documents including physical activity with sector-specific actions for physical activity by world region and income group.

Region	Number NCD policies including physical activity	% (95% CI)*	Single sector policies (involves one sector)	% (95% CI)*	Two sector policies (involves two sectors)	% (95% CI)*	Comprehensive policies (multi- or intersectoral policy) (3 or more sectors involved)	% (95% CI)*	No sectors	% (95% CI)*
Africa	78	15.9 [12.8-19.5]	11	14.1 [7.3-23.8]	6	7.7 [2.9-16.0]	27	34.6 [24.2-46.2]	34	43.6 [32.4-55.3]
Eastern Mediterranean	54	11.0 [8.4-14.1]	6	11.1 [4.2-22.6]	4	7.4 [2.1-17.9]	14	25.9 [15.0-39.7]	30	55.6 [41.4-69.1]
Europe	131	26.7 [22.9-30.9]	21	16.1 [10.2-23.5]	13	9.9 [5.4-16.4]	26	19.8 [13.4-27.7]	71	54.2 [45.3-62.9]
The Americas	86	17.6 [14.3-21.2]	5	5.8 [1.9-13.1]	8	9.3 [4.1-17.5]	22	25.6 [16.8-36.1]	51	59.3 [48.2-69.8]
South-East Asia	38	7.8 [5.6-10.5]	5	13.2 [4.4-28.1]	2	5.3 [0.6-17.8]	22	57.9 [40.8-73.7]	9	23.6 [11.4-40.2]
Western Pacific	103	21.0 [17.5-24.9]	18	17.5 [10.7-26.2]	7	6.8 [2.8-13.5]	64	62.1 [52.0-71.5]	14	13.6 [7.6-21.8]
Total	490	100.0	66	13.5 [10.6-16.8]	40	8.2 [5.9-11.0]	175	35.7 [31.5-40.1]	209	42.6 [38.2-47.2]
Income group	Number NCD policies including physical activity	% (95% CI)*	Single sector policies (involves one sector)	% (95% CI)*	Two sector policies (involves two sectors)	% (95% CI)*	Comprehensive policies (multi- or intersectoral policy) (3 or more sectors involved)	% (95% CI)*	No sectors	% (95% CI)*
High Income	188	38.4 [34.0-42.8]	26	13.8 [9.2-19.6]	14	7.5 [4.1-12.2]	54	28.7 [22.4-35.8]	94	50.0 [42.6-57.4]
Upper-Middle Income	148	30.2 [26.2-34.5]	23	15.6 [10.1-22.4]	12	8.1 [4.2-13.7]	52	35.1 [27.5-43.4]	61	41.2 [33.2-49.6]
Lower-Middle Income	119	24.3 [20.6-28.3]	11	9.2 [4.7-15.9]	12	10.1 [5.3-17.0]	55	46.2 [37.0-55.6]	41	34.5 [26.0-43.7]
Low Income	35	7.1 [5.0-9.8]	6	17.1 [6.6-33.7]	2	5.7 [0.7-19.2]	14	40.0 [23.9-57.9]	13	37.2 [21.5-55.1]
Total	490	100.0	66	13.5 [10.6-16.8]	40	8.2 [5.9-11.0]	175	35.7 [31.5-40.1]	209	42.7 [38.2-47.2]

*Binomial proportion 95% confidence interval.

** One-sided 97.5% confidence interval.

Table 4. Either national NCD policy including physical activity or standalone physical activity policy documents with sector-specific actions for physical activity by world region and income group.

Region	Number of either standalone or national NCD policies including physical activity	% (95% CI)*	Single sector policies (involves one sector)	% (95% CI)*	Two sector policies (involves two sectors)	% (95% CI)*	Comprehensive policies (multi- or intersectoral policy) (3 or more sectors involved)	% (95% CI)*	No sectors	% (95% CI)*
Africa	86	13.0 [10.5-15.8]	11	12.8 [6.6-21.7]	6	7.0 [2.6-14.6]	34	39.5 [29.2-50.7]	35	40.7 [30.2-51.8]
Eastern Mediterranean	65	9.8 [7.7-12.4]	7	10.8 [4.4-20.9]	6	9.2 [3.5-19.0]	20	30.8 [19.9-43.5]	32	49.2 [36.0-61.9]
Europe	226	34.2 [30.6-38.0]	33	14.6 [10.3-19.9]	34	15.0 [10.7-20.4]	68	30.1 [24.2-36.5]	91	40.3 [33.8-47.0]
The Americas	121	18.3 [15.4-21.5]	9	7.4 [3.5-13.7]	12	9.9 [5.2-16.7]	40	33.1 [24.8-42.2]	60	49.6 [40.4-58.8]
South-East Asia	45	6.8 [5.0-9.0]	6	13.3 [5.1-26.8]	3	6.7 [1.4-18.3]	26	57.8 [42.2-72.3]	10	22.2 [11.2-37.1]
Western Pacific	118	17.9 [15.0-21.0]	21	17.8 [11.4-25.9]	10	8.5 [4.1-15.0]	68	57.6 [48.2-66.7]	19	16.1 [10.0-24.0]
Total	661	100.0	87	13.2 [10.7-16.0]	71	10.7 [8.5-13.4]	256	38.7 [35.0-42.6]	247	37.4 [33.7-41.2]
Income group	Number of either standalone or national NCD policies including physical activity	% (95% CI)*	Single sector policies (involves one sector)	% (95% CI)*	Two sector policies (involves two sectors)	% (95% CI)*	Comprehensive policies (multi- or intersectoral policy) (3 or more sectors involved)	% (95% CI)*	No sectors	% (95% CI)*
High Income	297	44.9 [41.1-48.8]	41	13.8 [10.1-28.3]	39	13.1 [9.5-17.5]	98	33.0 [27.7-38.7]	119	40.1 [34.5-45.9]
Upper-Middle Income	199	30.1 [26.6-33.8]	27	13.6 [9.1-19.1]	16	8.0 [4.7-12.7]	82	41.2 [34.3-48.4]	74	37.2 [30.5-44.3]
Lower-Middle Income	129	19.5 [16.6-22.8]	13	10.1 [5.5-16.6]	14	10.8 [6.1-17.5]	61	47.3 [38.4-56.3]	41	31.8 [23.9-40.6]
Low Income	36	5.5 [3.8-7.5]	6	16.7 [6.4-32.8]	2	5.5 [0.7-18.7]	15	41.7 [25.5-59.2]	13	36.1 [20.8-53.8]
Total	661	100.0	87	13.2 [10.7-16.0]	71	10.7 [8.5-13.4]	256	38.7 [35.0-42.6]	247	37.4 [33.7-41.2]

*Binomial proportion 95% confidence interval.

** One-sided 97.5% confidence interval.

Policy documents' implementation enablers

The standalone physical activity policies and NCD policies including physical activity that were included in the policy directory (n=661 documents) were analyzed to identify the proportion of countries (without duplicates) by world region and income group with national physical activity policies that include policy implementation enablers, defined as a sequence of actions leading to the physical activity goal and including one or more of the following: 1. Tasks and subtasks; 2. Budgets; 3. Timelines-timeframe; 4. Collaborators.

Table 5. Countries with policy documents referring to implementation enablers by world region and income group.

				At least one implementation enabler		Three or more implementation enablers	
Region	Countries in region	Countries in region with policy documents	% (95% CI)*	Countries	% (95% CI)*	Countries	% (95% CI)*
Africa	47	42	89.4 [76.9-96.5]	39	92.9 [80.5-98.5]	30	71.4 [55.4-84.3]
Eastern Mediterranean	22	18	81.8 [59.7-94.8]	17	94.4 [72.7-99.9]	10	55.6 [30.8-78.5]
Europe	62	57	91.9 [82.2-97.3]	54	94.7 [85.4-98.9]	32	56.1 [42.4-69.3]
The Americas	44	41	93.2 [81.3-98.6]	41	100.0 [91.4-100.0]**	33	80.5 [65.1-91.2]
South-East Asia	11	11	100.0 [71.5-100.0]**	11	100.0 [71.5-100.0]**	11	100.0 [71.5-100.0]**
Western Pacific	32	31	96.9 [83.8-99.9]	31	100.0 [88.8-100.0]**	19	61.3 [42.2-78.2]
Total	218	200	91.7 [87.3-95.0]	193	96.5 [92.9-98.6]	135	67.5 [60.5-73.9]
Income group	Countries in income group	Countries in income group with policy documents	% (95% CI)*	Countries	% (95% CI)*	Countries	% (95% CI)*
High Income	86	78	90.7 [82.5-95.9]	76	97.4 [91.0-99.7]	42	53.8 [42.2-65.2]
Upper-Middle Income	55	51	92.7 [82.4-98.0]	51	100.0 [93.0-100.0]**	40	78.4 [64.7-88.7]
Lower-Middle Income	51	49	96.1 [86.5-99.5]	47	95.9 [86.0-99.5]	37	75.5 [61.1-86.7]
Low Income	26	22	84.6 [65.1-95.6]	19	86.4 [65.1-97.1]	16	72.7 [49.8-89.3]
Total	218	200	91.7 [87.3-95.0]	193	96.5 [92.9-98.6]	135	67.5 [60.5-73.9]

*Binomial proportion 95% confidence interval.

** One-sided 97.5% confidence interval.

Table 6. Policy documents with count of implementation enablers by world region and income group.

The standalone physical activity policies and NCD policies including physical activity that were included in the policy directory (n=661 documents) were analyzed by world region and income group to identify the proportion of documents with national physical activity policies that include one, two, three, all enablers (tasks and subtasks, budgets, timelines-timeframe, collaborators), or no enablers of policy implementation.

Region	Number of policies	% (95% CI)*	1 enabler	% (95% CI)*	2 enablers	% (95% CI)*	3 enablers	% (95% CI)*	All enablers	% (95% CI)*	No enablers	% (95% CI)*
Africa	86	13.0 [10.5-15.8]	72	83.7 [74.2-90.8]	60	69.8 [58.9-79.2]	45	52.3 [41.3-63.2]	27	31.4 [21.8-42.3]	14	16.3 [9.2-25.8]
Eastern Mediterranean	65	9.8 [7.7-12.4]	53	81.5 [70.0-90.1]	42	64.6 [51.8-76.1]	18	27.7 [17.3-40.2]	5	7.7 [2.6-17.1]	12	18.5 [9.9-30.0]
Europe	226	34.2 [30.6-38.0]	178	78.8 [72.9-83.9]	118	52.2 [45.5-58.9]	47	20.8 [15.7-26.7]	19	8.4 [5.1-12.8]	48	21.2 [16.1-27.2]
The Americas	121	18.3 [15.4-21.5]	105	86.8 [79.4-92.3]	85	70.2 [61.3-78.2]	49	40.5 [31.7-49.8]	23	19.0 [12.5-27.1]	16	13.2 [7.8-20.6]
South-East Asia	45	6.8 [5.0-9.0]	40	88.9 [76.0-96.3]	36	80.0 [65.4-90.4]	20	44.4 [29.6-60.0]	7	15.6 [6.5-29.5]	5	11.1 [3.7-24.1]
Western Pacific	118	17.9 [15.0-21.0]	93	78.8 [70.3-85.8]	57	48.3 [39.0-57.7]	33	28.0 [20.1-37.0]	12	10.2 [5.4-17.1]	25	21.2 [14.2-29.7]
Total	661	100.0	541	81.8 [78.7-84.7]	398	60.2 [56.4-64.0]	212	32.1 [28.5-35.8]	93	14.1 [11.5-17.0]	120	18.2 [15.3-21.3]
Income group	Number of policies	% (95% CI)*	1 enabler	% (95% CI)*	2 enablers	% (95% CI)*	3 enablers	% (95% CI)*	All enablers	% (95% CI)*	No enablers	% (95% CI)*
High Income	297	44.9 [41.1-48.8]	243	81.8 [77.0-86.0]	162	54.5 [48.7-60.3]	62	20.9 [16.4-26.0]	21	7.1 [4.4-10.6]	54	18.2 [14.0-23.1]
Upper-Middle Income	199	30.1 [26.6-33.8]	160	80.4 [74.2-85.7]	124	62.3 [55.2-69.1]	66	33.2 [26.7-40.2]	28	14.1 [9.6-19.7]	39	19.6 [14.3-25.8]
Lower-Middle Income	129	19.5 [16.6-22.8]	111	86.0 [78.9-91.5]	88	68.2 [59.4-76.1]	64	49.6 [40.7-58.6]	32	24.8 [17.6-33.2]	18	14.0 [8.5-21.2]
Low Income	36	5.5 [3.8-7.5]	27	75.0 [57.8-87.9]	24	66.7 [49.0-81.4]	20	55.6 [38.1-72.1]	12	33.3 [18.6-51.0]	9	25.0 [12.1-42.2]
Total	661	100.0	541	81.8 [78.7-84.7]	398	60.2 [56.4-64.0]	212	32.1 [28.5-35.8]	93	14.1 [11.5-17.0]	120	18.2 [15.3-21.3]

*Binomial proportion 95% confidence interval.

** One-sided 97.5% confidence interval.

Table 7. Policy documents with specific enablers of policy implementation by world region and income group.

The standalone physical activity policies and NCD policies including physical activity that were included in the policy directory (n=661 documents) were analyzed by world region and income group to identify the proportion of documents with tasks and subtasks, budget, timelines-timeframe, or collaborators of policy implementation.

Region	Number of policies	% (95% CI)*	Tasks and subtasks	% (95% CI)*	Budget	% (95% CI)*	Timelines-timeframe	% (95% CI)*	Collaborators	% (95% CI)*
Africa	86	13.0 [10.5-15.8]	67	77.9 [67.7-86.1]	34	39.5 [29.2-50.7]	44	51.2 [40.1-62.1]	59	68.6 [27.7-78.2]
Eastern Mediterranean	65	9.8 [7.7-12.4]	49	75.4 [63.1-85.2]	6	9.2 [3.5-19.0]	18	27.7 [17.3-40.2]	45	69.2 [56.6-80.1]
Europe	226	34.2 [30.6-38.0]	165	73.0 [66.7-78.7]	37	16.4 [11.8-21.9]	42	18.6 [13.7-24.3]	118	52.2 [45.5-58.9]
The Americas	121	18.3 [15.4-21.5]	100	82.6 [74.7-88.9]	30	24.8 [17.4-33.5]	47	38.8 [30.1-48.1]	85	70.2 [61.3-78.2]
South-East Asia	45	6.8 [5.0-9.0]	40	88.9 [76.0-96.3]	8	17.8 [8.0-32.1]	19	42.2 [27.7-57.9]	36	80.0 [65.4-90.4]
Western Pacific	118	17.9 [15.0-21.0]	92	78.0 [69.4-85.1]	17	14.4 [8.6-22.1]	29	24.6 [17.1-33.4]	57	48.3 [39.0-57.7]
Total	661	100.0	513	77.6 [74.2-80.7]	132	20.0 [17.0-23.2]	199	30.1 [26.6-33.7]	400	60.5 [56.7-64.3]
Income group	Number of policies	% (95% CI)*	Tasks and subtasks	% (95% CI)*	Budget	% (95% CI)*	Timelines-timeframe	% (95% CI)*	Collaborators	% (95% CI)*
High Income	297	44.9 [41.1-48.8]	229	77.1 [71.9-81.8]	39	13.1 [9.5-17.5]	56	18.9 [14.6-23.8]	164	55.2 [49.4-61.0]
Upper-Middle Income	199	30.1 [26.6-33.8]	154	77.4 [70.9-83.0]	37	18.6 [13.4-24.7]	66	33.2 [26.7-40.2]	121	60.8 [53.7-67.6]
Lower-Middle Income	129	19.5 [16.6-22.8]	105	81.4 [73.6-87.7]	39	30.2 [22.5-38.9]	60	46.5 [37.7-55.5]	91	70.5 [61.9-78.2]
Low Income	36	5.5 [3.8-7.5]	25	69.4 [51.9-83.7]	17	47.2 [30.4-64.5]	17	47.2 [30.4-64.5]	24	66.7 [49.0-81.4]
Total	661	100.0	513	77.6 [74.2-80.7]	132	20.0 [17.0-23.2]	199	30.1 [26.6-33.7]	400	60.5 [56.7-64.3]

*Binomial proportion 95% confidence interval.

** One-sided 97.5% confidence interval.

Table 8. Countries with policy documents referring to quantitative targets for physical activity by world region and income group.

				Quantitative targets		No quantitative targets		No data available	
Region	Countries in region	Countries in region with policy documents	% (95% CI)*	Countries	% (95% CI)*	Countries	% (95% CI)*	Countries	% (95% CI)*
Africa	47	42	89.4 [76.9-96.5]	31	73.8 [58.0-86.1]	11	26.2 [13.9-42.0]	5	10.6 [3.6-23.1]
Eastern Mediterranean	22	18	81.8 [59.7-94.8]	11	61.1 [28.2-71.8]	7	38.9 [13.9-54.9]	4	18.2 [5.2-40.3]
Europe	62	57	91.9 [82.2-97.3]	29	50.9 [34.0-59.9]	28	49.1 [32.5-58.3]	5	8.1 [2.7-17.8]
The Americas	44	41	93.2 [81.3-98.6]	37	90.2 [69.9-93.4]	4	9.8 [2.5-21.7]	3	6.8 [1.4-18.7]
South-East Asia	11	11	100.0 [71.5-100.0]**	11	100.0 [71.5-100.0]**	0	0.0 [0.0-28.5]**	0	0.0 [0.0-28.5]**
Western Pacific	32	31	96.9 [83.8-99.9]	28	90.3 [71.0-96.5]	3	9.7 [2.0-25.0]	1	3.1 [0.1-16.2]
Total	218	200	91.7 [87.3-95.0]	147	73.5 [66.8-79.5]	53	26.5 [20.5-33.2]	18	8.3 [5.0-12.7]
Income group	Countries in income group	Countries in income group with policy documents	% (95% CI)*	Countries	% (95% CI)*	Countries	% (95% CI)*	Countries	% (95% CI)*
High Income	86	78	90.7 [82.5-95.9]	55	70.5 [59.1-80.3]	23	29.5 [19.7-40.9]	8	9.3 [4.1-17.5]
Upper-Middle Income	55	51	92.7 [82.4-98.0]	40	78.4 [64.7-88.7]	11	21.6 [11.3-35.3]	4	7.3 [2.0-17.6]
Lower-Middle Income	51	49	96.1 [86.5-99.5]	36	73.5 [58.9-85.1]	13	26.5 [15.0-41.1]	2	3.9 [0.5-13.5]
Low Income	26	22	84.6 [65.1-95.6]	16	72.7 [49.8-89.3]	6	27.3 [10.7-50.2]	4	15.4 [4.4-34.9]
Total	218	200	91.7 [87.3-95.0]	147	73.5 [66.8-79.5]	53	26.5 [20.5-33.2]	18	8.3 [5.0-12.7]

*Binomial proportion 95% confidence interval.

** One-sided 97.5% confidence interval.

Table 9. Policy documents with sector-specific actions for physical activity by world region and income group.

The standalone physical activity policies and NCD policies including physical activity that were included in the policy directory (n=661 documents) were analyzed to identify the proportion of documents (without duplicates) by world region and income group with national physical activity policies that include sectors with assigned actions/activities for physical activity. The sectors were identified based on the CAPPA framework and additional sectors were incorporated for the data extraction¹⁰: health, health in the workplace, sport, recreation and leisure, transport, physical education, education, environment, urban/rural planning and design, tourism, work and employment, public finance, research, and other.

Region	Number of policies	% (95% CI)*	Health	% (95% CI)*	Education	% (95% CI)*	Sport	% (95% CI)*	Transport	% (95% CI)*	Urban / rural planning and design	% (95% CI)*
Africa	86	13.0 [10.5-15.8]	40	46.5 [35.7-57.6]	23	26.7 [17.8-37.4]	33	38.4 [28.1-49.5]	8	9.3 [4.1-17.5]	6	7.0 [2.6-14.6]
Eastern Mediterranean	65	9.8 [7.7-12.4]	31	47.7 [35.2-60.5]	25	38.5 [26.7-51.4]	15	23.1 [13.5-35.2]	4	6.2 [1.7-15.0]	4	6.2 [1.7-15.0]
Europe	226	34.2 [30.6-38.0]	92	40.7 [34.2-47.4]	77	34.1 [27.9-40.7]	77	34.1 [27.9-40.7]	28	12.4 [8.4-17.4]	20	8.8 [5.5-13.3]
The Americas	121	18.3 [15.4-21.5]	45	37.2 [28.6-46.4]	42	34.7 [26.3-43.9]	39	32.2 [24.0-41.3]	12	9.9 [5.2-16.7]	9	7.4 [3.5-13.7]
South-East Asia	45	6.8 [5.0-9.0]	34	75.6 [60.5-87.1]	27	60.0 [44.3-74.3]	22	48.9 [33.7-64.2]	10	22.2 [11.2-37.1]	6	13.3 [5.1-26.8]
Western Pacific	118	17.9 [15.0-21.0]	91	77.1 [68.5-84.4]	63	53.4 [44.0-62.6]	44	37.3 [28.6-46.7]	13	11.0 [6.0-18.1]	28	23.7 [16.4-32.4]
Total	661	100.0	333	50.4 [46.5-54.3]	257	38.9 [35.2-42.7]	230	34.8 [31.2-38.6]	75	11.3 [9.0-14.0]	73	11.0 [8.8-13.7]
Income group	Number of policies	% (95% CI)*	Health	% (95% CI)*	Education	% (95% CI)*	Sport	% (95% CI)*	Transport	% (95% CI)*	Urban / rural planning and design	% (95% CI)*
High Income	297	44.9 [41.1-48.8]	134	45.1 [39.4-51.0]	108	36.4 [31.0-42.1]	101	34.0 [28.3-39.7]	39	13.1 [9.5-17.5]	34	11.4 [8.1-15.6]
Upper-Middle Income	199	30.1 [26.6-33.8]	101	50.8 [43.6-57.9]	81	40.7 [33.8-47.9]	67	33.7 [27.1-40.7]	19	9.5 [5.9-14.5]	15	7.5 [4.3-12.1]
Lower-Middle Income	129	19.5 [16.6-22.8]	79	61.2 [52.3-69.7]	59	45.7 [36.9-54.7]	48	37.2 [28.9-46.2]	14	10.9 [6.1-17.5]	22	17.1 [11.0-24.7]
Low Income	36	5.5 [3.8-7.5]	19	52.8 [35.5-69.6]	9	25.0 [12.1-42.2]	14	38.9 [23.1-56.5]	3	8.3 [1.8-22.5]	2	5.6 [0.7-18.7]
Total	661	100.0	333	50.4 [46.5-54.3]	257	38.9 [35.2-42.7]	230	34.8 [31.2-38.6]	75	11.3 [9.0-14.0]	73	11.0 [8.8-13.7]

**Table 9. Policy documents with sector-specific actions for physical activity by world region and income group.
(cont.)**

Region	Number of policies	% (95% CI)*	Work and employment	% (95% CI)*	Environment	% (95% CI)*	Health in the workplace	% (95% CI)*	Public finance	% (95% CI)*	Physical Education	% (95% CI)*
Africa	86	13.0 [10.5-15.8]	3	3.5 [0.7-9.9]	0	0.0 [0.0-4.2]**	2	2.3 [0.3-8.2]	8	9.3 [4.1-17.5]	3	3.5 [0.7-9.9]
Eastern Mediterranean	65	9.8 [7.7-12.4]	3	4.6 [0.1-12.9]	2	3.1 [0.4-10.7]	4	6.2 [1.7-15.0]	2	3.1 [0.4-10.7]	1	1.5 [0.4-8.3]
Europe	226	34.2 [30.6-38.0]	26	11.5 [7.7-16.4]	21	9.3 [5.1-13.9]	23	10.2 [6.6-14.9]	8	3.5 [1.5-6.9]	17	7.5 [4.4-11.8]
The Americas	121	18.3 [15.4-21.5]	9	7.4 [3.5-13.7]	5	4.1 [1.4-9.4]	10	8.3 [4.0-14.7]	5	4.1 [1.4-9.4]	5	4.1 [1.4-9.4]
South-East Asia	45	6.8 [5.0-9.0]	1	2.2 [0.1-11.8]	2	4.4 [0.5-15.2]	1	2.2 [0.1-11.8]	7	15.6 [6.5-29.5]	2	4.4 [0.5-15.2]
Western Pacific	118	17.9 [15.0-21.0]	25	21.2 [14.2-29.7]	14	11.9 [6.6-19.1]	2	1.7 [0.2-6.0]	10	8.5 [4.1-15.0]	15	12.7 [7.3-20.1]
Total	661	100.0	67	10.1 [7.9-12.7]	44	6.7 [4.9-8.8]	42	6.4 [4.6-8.5]	40	6.1 [4.4-8.2]	43	6.5 [4.8-8.7]
Income group	Number of policies	% (95% CI)*	Work and employment	% (95% CI)*	Environment	% (95% CI)*	Health in the workplace	% (95% CI)*	Public finance	% (95% CI)*	Physical Education	% (95% CI)*
High Income	297	44.9 [41.1-48.8]	32	10.8 [7.5-14.9]	27	9.1 [6.1-13.0]	24	8.1 [5.3-11.8]	11	3.7 [1.9-6.5]	20	6.7 [4.2-10.2]
Upper-Middle Income	199	30.1 [26.6-33.8]	22	11.1 [7.1-16.3]	14	7.0 [3.9-11.5]	13	6.5 [3.5-10.9]	17	8.5 [5.1-13.3]	18	9.0 [5.5-13.9]
Lower-Middle Income	129	19.5 [16.6-22.8]	12	9.3 [4.9-15.7]	3	2.3 [0.5-6.7]	4	3.1 [0.9-7.8]	8	6.2 [2.7-11.9]	5	3.9 [1.3-8.8]
Low Income	36	5.5 [3.8-7.5]	1	2.8 [0.1-14.5]	0	0.0 [0.0-9.7]**	1	2.8 [0.1-14.5]	4	11.1 [3.1-26.1]	0	0.0 [0.0-9.7]**
Total	661	100.0	67	10.1 [7.9-12.7]	44	6.7 [4.9-8.8]	42	6.4 [4.6-8.5]	40	6.1 [4.4-8.2]	43	6.5 [4.8-8.7]

*Binomial proportion 95% confidence interval.

** One-sided 97.5% confidence interval.

**Table 9. Policy documents with sector-specific actions for physical activity by world region and income group.
(cont.)**

Region	Number of policies	% (95% CI)*	Recreation and leisure	% (95% CI)*	Research	% (95% CI)*	Tourism	% (95% CI)*	Other	% (95% CI)*
Africa	86	13.0 [10.5-15.8]	5	5.8 [1.9-13.1]	4	4.7 [1.3-11.5]	2	2.3 [0.3-8.2]	33	38.4 [28.1-49.5]
Eastern Mediterranean	65	9.8 [7.7-12.4]	0	0.0 [0.0-5.5]**	0	0.0 [0.0-5.5]**	0	0.0 [0.0-5.5]**	14	21.5 [12.3-33.5]
Europe	226	34.2 [30.6-38.0]	14	6.2 [3.4-10.2]	14	6.2 [3.4-10.2]	7	3.1 [1.3-6.3]	57	25.2 [19.7-31.4]
The Americas	121	18.3 [15.4-21.5]	7	5.8 [2.4-11.6]	3	2.5 [0.5-7.1]	3	2.5 [0.5-7.1]	33	27.3 [19.6-36.1]
South-East Asia	45	6.8 [5.0-9.0]	0	0.0 [0.0-7.9]**	0	0.0 [0.0-7.9]**	4	8.9 [2.5-21.2]	21	46.7 [31.7-62.1]
Western Pacific	118	17.9 [15.0-21.0]	11	9.3 [4.8-16.1]	4	3.4 [0.9-8.5]	9	7.6 [3.6-14.0]	33	28.0 [20.1-37.0]
Total	661	100.0	37	5.6 [3.8-7.6]	25	3.8 [2.5-5.5]	25	3.8 [2.5-5.5]	191	28.9 [25.5-32.5]
Income group	Number of policies	% (95% CI)*	Recreation and leisure	% (95% CI)*	Research	% (95% CI)*	Tourism	% (95% CI)*	Other	% (95% CI)*
High Income	297	44.9 [41.1-48.8]	23	7.7 [5.0-11.4]	15	5.1 [2.9-8.2]	10	3.4 [1.6-6.1]	74	24.9 [20.1-30.2]
Upper-Middle Income	199	30.1 [26.6-33.8]	11	5.5 [2.8-9.7]	8	4.0 [1.8-7.8]	10	5.0 [2.4-9.1]	57	28.6 [22.5-35.5]
Lower-Middle Income	129	19.5 [16.6-22.8]	2	1.6 [0.2-5.5]	1	0.8 [0.0-4.2]	4	3.1 [0.9-7.8]	46	35.7 [27.4-44.6]
Low Income	36	5.5 [3.8-7.5]	1	2.8 [0.1-14.5]	1	2.8 [0.1-14.5]	1	2.8 [0.1-14.5]	14	38.9 [23.1-56.5]
Total	661	100.0	37	5.6 [3.8-7.6]	25	3.8 [2.5-5.5]	25	3.8 [2.5-5.5]	191	28.9 [25.5-32.5]

*Binomial proportion 95% confidence interval.

** One-sided 97.5% confidence interval.

3. Semi-structured interviews with policy expert key informants.

Participants

Sixty individuals were contacted for an interview, 53 agreed to participate (retention rate = 88.3%), and 46 were interviewed (response rate = 76.7%) (see Figure 4). Non-participation was due to conflicting schedules.

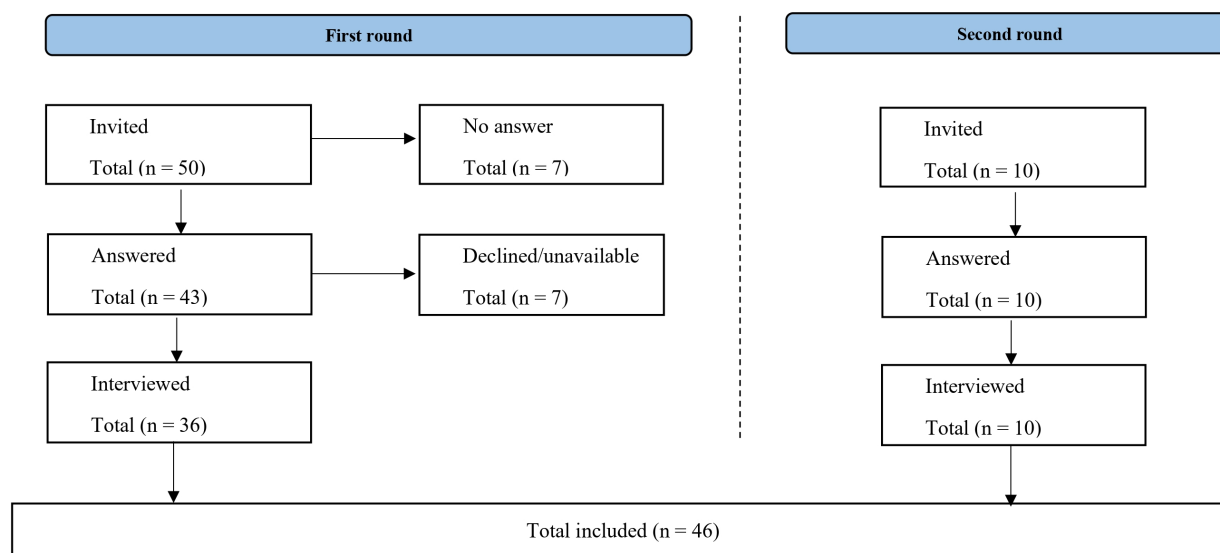


Figure 4. Key informant recruitment flowchart.

The key informants included were from the following organizations:

- American Heart Association
- American Public Health Association (APHA)
- Americas' Network for Chronic Disease Surveillance (AMNET)
- Barcelona Institute for Global Health (ISGlobal), Spain
- Cavill Associates
- Centre for Chronic Disease Prevention and Management, University of British Columbia, Canada
- Centre for Evidence and Social Innovation, Queen's University Belfast, Northern Ireland
- Centre for Public Health, Queen's University Belfast, Northern Ireland
- Department of Exercise Science, Arnold School of Public Health, South Carolina University, USA
- Department of Family Medicine and Public Health, University of California San Diego, USA
- Department of Health and Human Services, Office of Disease Prevention and Health Promotion, USA
- Department of Health Policy and Management, Robert Stempel College of Public Health and Social Work, Florida International University, USA
- Department of Health Promotion, World Health Organization
- Department of Health, Ireland
- Department of Health, Swiss Distance University of Applied Sciences, Fernfachhochschule Schweiz – FFHS, Switzerland
- Department of Physical Education and Sport Sciences, University of Limerick, Ireland
- Department of Physical Education, Exercise and Sports Science, KCA University, Kenya
- Department of Social & Policy Sciences, Tobacco Control Research Group, University of Bath, UK
- Division of Cancer Control and Population Sciences, National Cancer Institute, USA
- Division of Physical Medicine and Rehabilitation, Department of Medicine, University of British Columbia, Canada
- Faculty of Education, The University of Western Ontario, Canada
- Faculty of Kinesiology, Sport, and Recreation, University of Alberta, Canada

- Federal University of Minas Gerais, Brazil
- Health Promotion Forum, New Zealand
- Health Promotion and Policy Research Unit, Department of Public Health, University of Otago, Wellington, New Zealand
- Human Motricity, Expertise, Sport, Health Laboratory (LAMHESS), Université Côte d'Azur, France
- Institute for Health Research and Policy, University of Illinois Chicago, USA
- Institute for Musculoskeletal Health, Australia
- International Federation of Pedestrians
- LeVassVentures, USA
- LinkHouston, USA
- Macquarie School of Education, Australia
- Michael & Susan Dell Center for Healthy Living, Austin, TX, USA
- National Institute of Public Health (NIJZ), Slovenia
- National Institute of Public Health, Mexico
- National Research Centre for the Working Environment, Denmark
- NSW Premier's Council for Active Living (PCAL), The University of New South Wales, Australia
- Policy and Planning at the Public Health Division, The Pacific Community (SPC)
- Prevention Research Center in St
- School of Health and Exercise Sciences, University of British Columbia, Canada
- School of Medicine, Dentistry and Biomedical Sciences, Queen's University Belfast, Northern Ireland
- School of Population Health, The University of Auckland, New Zealand
- School of Public Health, The University of Texas Health Science Center at Houston (UTHealth), Austin, TX, USA
- Sport Ireland
- The Association For International Sport for All (TAFISA)
- The University of Sydney, Australia
- United Nations Educational, Scientific and Cultural Organization (UNESCO)
- Walk 21
- World Cancer Research Fund International
- World Health Organization Collaborating Centre for Physical Activity and Public Health, Department of Sport Science and Sport, Friedrich-Alexander University, Germany
- World Health Organization European Office
- World Health Organization Health-Enhancing Physical Activity (HEPA) Europe
- YMCA of the USA

We followed the COREQ (CONsolidated criteria for REporting Qualitative research) checklist (see Table 10).¹¹

Table 10. COREQ (COnsolidated criteria for REporting Qualitative research) checklist.¹¹

No	Item	Guide questions/description	Response
Domain 1: research team and reflexivity			
Personal Characteristics			
1.	Interviewer/facilitator	Which author/s conducted the interview or focus group?	Methods
2.	Credentials	What were the researcher's credentials? <i>E.g. PhD, MD</i>	Methods
3.	Occupation	What was their occupation at the time of the study?	Methods
4.	Gender	Was the researcher male or female?	Methods
5.	Experience and training	What experience or training did the researcher have?	Methods
Relationship with participants			
6.	Relationship established	Was a relationship established prior to study commencement?	Methods
7.	Participant knowledge of the interviewer	What did the participants know about the researcher? <i>e.g. personal goals, reasons for doing the research</i>	Methods
8.	Interviewer characteristics	What characteristics were reported about the interviewer/facilitator? <i>e.g. Bias, assumptions, reasons and interests in the research topic</i>	Methods
Domain 2: study design			
Theoretical framework			
9.	Methodological orientation and Theory	What methodological orientation was stated to underpin the study? <i>e.g. grounded theory, discourse analysis, ethnography, phenomenology, content analysis</i>	Methods
Participant selection			
10.	Sampling	How were participants selected? <i>e.g. purposive, convenience, consecutive, snowball</i>	Methods and Appendix 3
11.	Method of approach	How were participants approached? <i>e.g. face-to-face, telephone, mail, email</i>	Methods
12.	Sample size	How many participants were in the study?	Results and Appendix 3
13.	Non-participation	How many people refused to participate or dropped out? Reasons?	Appendix 3
Setting			
14.	Setting of data collection	Where was the data collected? <i>e.g. home, clinic, workplace</i>	Methods
15.	Presence of non-participants	Was anyone else present besides the participants and researchers?	Methods
16.	Description of sample	What are the important characteristics of the sample? <i>e.g. demographic data, date</i>	Methods
Data collection			
17.	Interview guide	Were questions, prompts, guides provided by the authors? Was it pilot tested?	Methods
18.	Repeat interviews	Were repeat interviews carried out? If yes, how many?	Methods
19.	Audio/visual recording	Did the research use audio or visual recording to collect the data?	Methods
20.	Field notes	Were field notes made during and/or after the interview or focus group?	Methods
21.	Duration	What was the duration of the interviews or focus group?	Methods
22.	Data saturation	Was data saturation discussed?	Methods
23.	Transcripts returned	Were transcripts returned to participants for comment and/or correction?	Methods
Domain 3: analysis and findings			
Data analysis			
24.	Number of data coders	How many data coders coded the data?	Methods
25.	Description of the coding tree	Did authors provide a description of the coding tree?	Methods
26.	Derivation of themes	Were themes identified in advance or derived from the data?	Methods
27.	Software	What software, if applicable, was used to manage the data?	Methods
28.	Participant checking	Did participants provide feedback on the findings?	Methods
Reporting			
29.	Quotations presented	Were participant quotations presented to illustrate the themes / findings? Was each quotation identified? <i>e.g. participant number</i>	Discussion
30.	Data and findings consistent	Was there consistency between the data presented and the findings?	Discussion
31.	Clarity of major themes	Were major themes clearly presented in the findings?	Discussion
32.	Clarity of minor themes	Is there a description of diverse cases or discussion of minor themes?	Discussion

4. References

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