

### SDGs indicators and service ladders for monitoring basic WASH services in schools

4 QUALITY EDUCATION



**4.a** Build and upgrade education facilities that are child, disability and gender sensitive and provide **safe**, nonviolent, inclusive and effective learning environments for all

**4.a.1** Proportion of schools with: ...**(e) basic drinking water; (f) single-sex basic sanitation facilities; and (g) basic handwashing facilities** (as per WASH indicator definitions)

#### DRINKING WATER

**Advanced service:** Additional criteria may include quality, quantity, continuity, and accessibility to all users

**Basic service:** Drinking water from an improved source and water is available at the school at the time of the survey

**Limited service:** Drinking water from an improved source but water is unavailable at the school at the time of the survey

**No service:** Drinking water from an unimproved source or no water source at the school

**Note:** Improved sources include piped water, boreholes or tubewells, protected dug wells, protected springs and packaged or delivered water. Unimproved sources include unprotected wells, unprotected springs and surface water.

#### SANITATION

**Advanced service:** Additional criteria may include student per toilet ratios, menstrual hygiene facilities, cleanliness, accessibility to all users, and excreta management systems

**Basic service:** Improved sanitation facilities at the school that are single-sex and usable (available, functional and private) at the time of the survey

**Limited service:** Improved sanitation facilities at the school that are either not single-sex or not usable at the time of the survey

**No service:** Unimproved sanitation facilities or no sanitation facilities at the school

**Note:** Improved facilities include flush/pour-flush toilets, ventilated improved pit latrines, composting toilets and pit latrines with a slab or platform. Unimproved facilities include pit latrines without a slab or platform, hanging latrines and bucket latrines.

#### HYGIENE

**Advanced service:** Additional criteria may include hygiene education, group handwashing, menstrual hygiene materials, and accessibility to all users

**Basic service:** Handwashing facilities with water and soap available at the school at the time of the survey

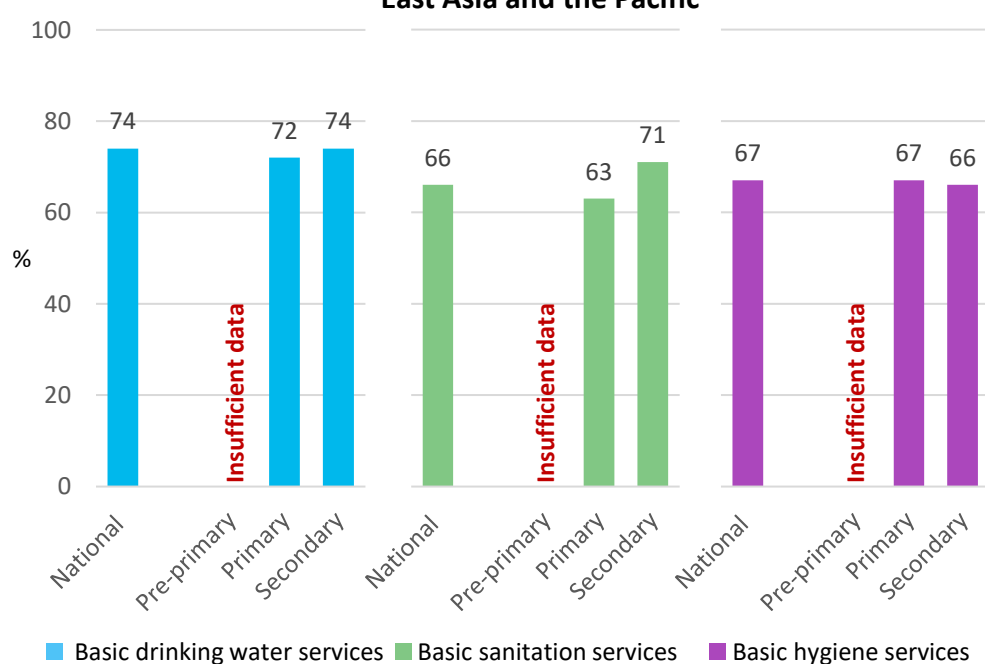
**Limited service:** Handwashing facilities with water but no soap available at the school at the time of the survey

**No service:** No handwashing facilities available or no water available at the school

**Note:** Improved Handwashing facilities may be fixed or portable and include a sink with tap water, buckets with taps, tippy-taps and jugs or basins designed for handwashing. Soap includes bar soap, liquid soap, powder detergent and soapy water but does not include ash, soil, sand or other handwashing agents.

### One third of the schools in East Asia and the Pacific lack basic WASH services

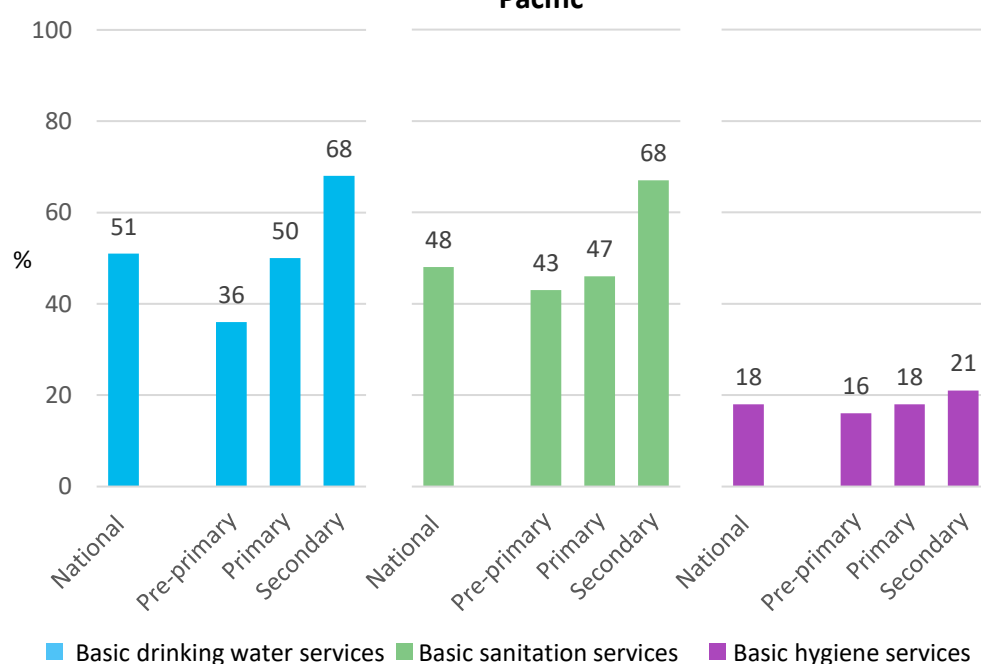
#### East Asia and the Pacific



Basic drinking water-, -sanitation- and -hygiene services, East Asia and Pacific and school type, 2021 (%)

### More than half of the schools in the Pacific lack basic WASH services

#### Pacific



Basic drinking water-, -sanitation- and -hygiene services, Pacific and school type, 2021 (%)

### Disaggregation of EMIS data allow for better targeting of schools without basic WASH services

#### Data availability East Asia and the Pacific (n = 27 countries)

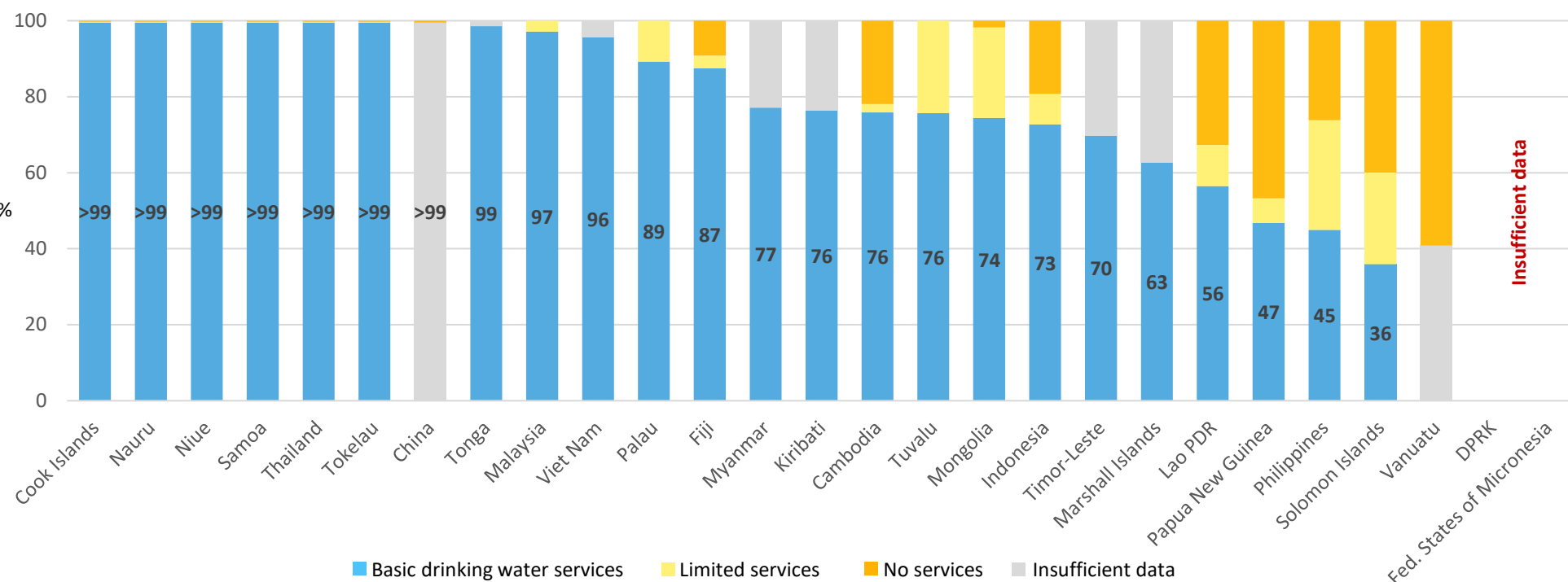
Data available on proportion of schools		National	Urban	Rural	Pre-Primary	Primary	Secondary
Water	With an improved drinking water source	17	2	2	5	16	15
	With drinking water available from an improved source*	23	2	2	5	23	21
Sanitation	With improved toilets which are usable	16	3	3	4	15	15
	With improved toilets which are usable and single-sex*	22	3	3	4	22	20
Hygiene	With handwashing facilities which have water available	15	2	2	5	15	14
	With facilities which have water and soap available*	21	3	3	5	21	21

\* SDG Indicator

#### Data availability Pacific (n = 15 countries)

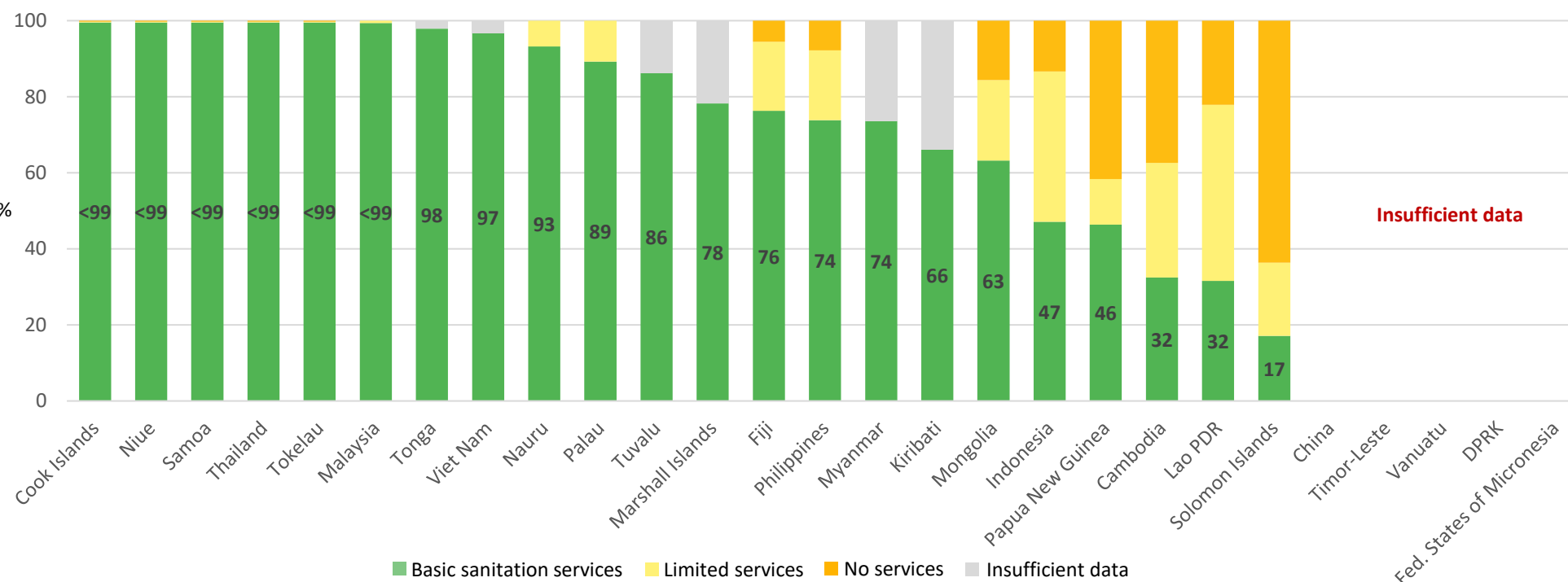
Data available on proportion of schools		National	Urban	Rural	Pre-Primary	Primary	Secondary
Water	With an improved drinking water source	10	0	0	3	10	9
	With drinking water available from an improved source*	13	0	0	3	13	13
Sanitation	With improved toilets which are usable	9	0	0	2	8	9
	With improved toilets which are usable and single-sex*	13	0	0	2	13	13
Hygiene	With handwashing facilities which have water available	8	0	0	3	8	8
	With facilities which have water and soap available*	12	0	0	3	12	12

### Various countries in East Asia and the Pacific have near universal basic drinking water coverage in schools



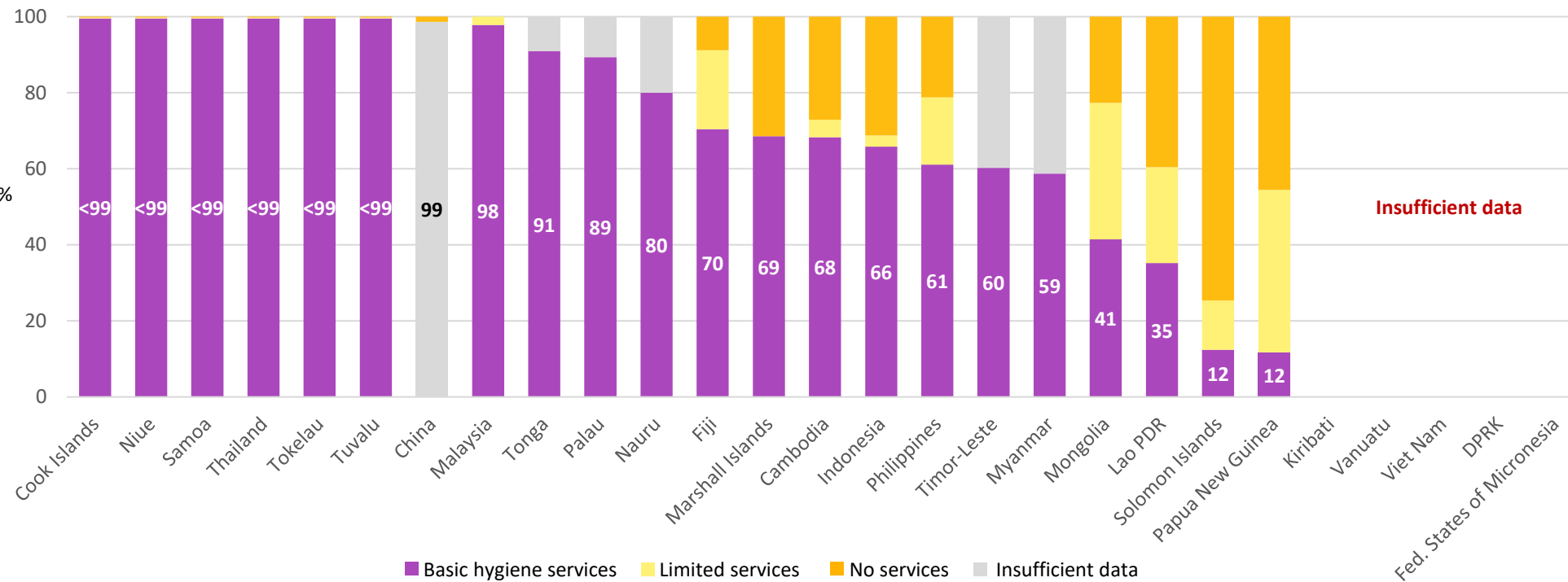
National drinking water coverage in schools, countries in East Asia and the Pacific, 2021 (%).

### In at least five of the 27 countries fewer than half of the schools provide basic sanitation services



National sanitation coverage in schools, countries in East Asia and the Pacific, 2021 (%).

### Basic hygiene coverage in schools is equal or lower than basic drinking water coverage. Absence of soap seems to be more of an issue than absence of water or sinks

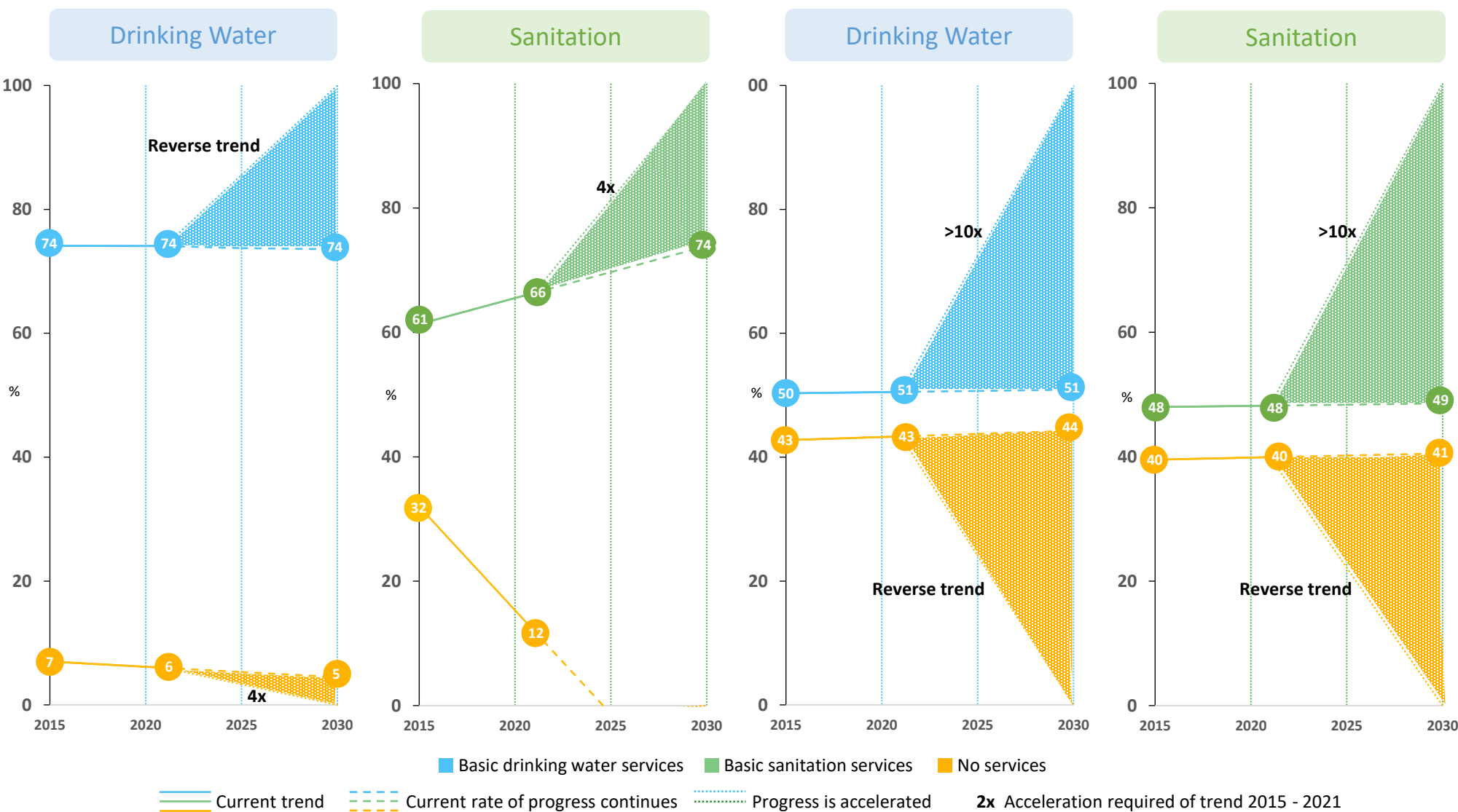


National hygiene coverage in schools, countries in East Asia and the Pacific, 2021 (%).

### Serious acceleration required throughout East Asia and the Pacific to increase WASH in Schools coverage

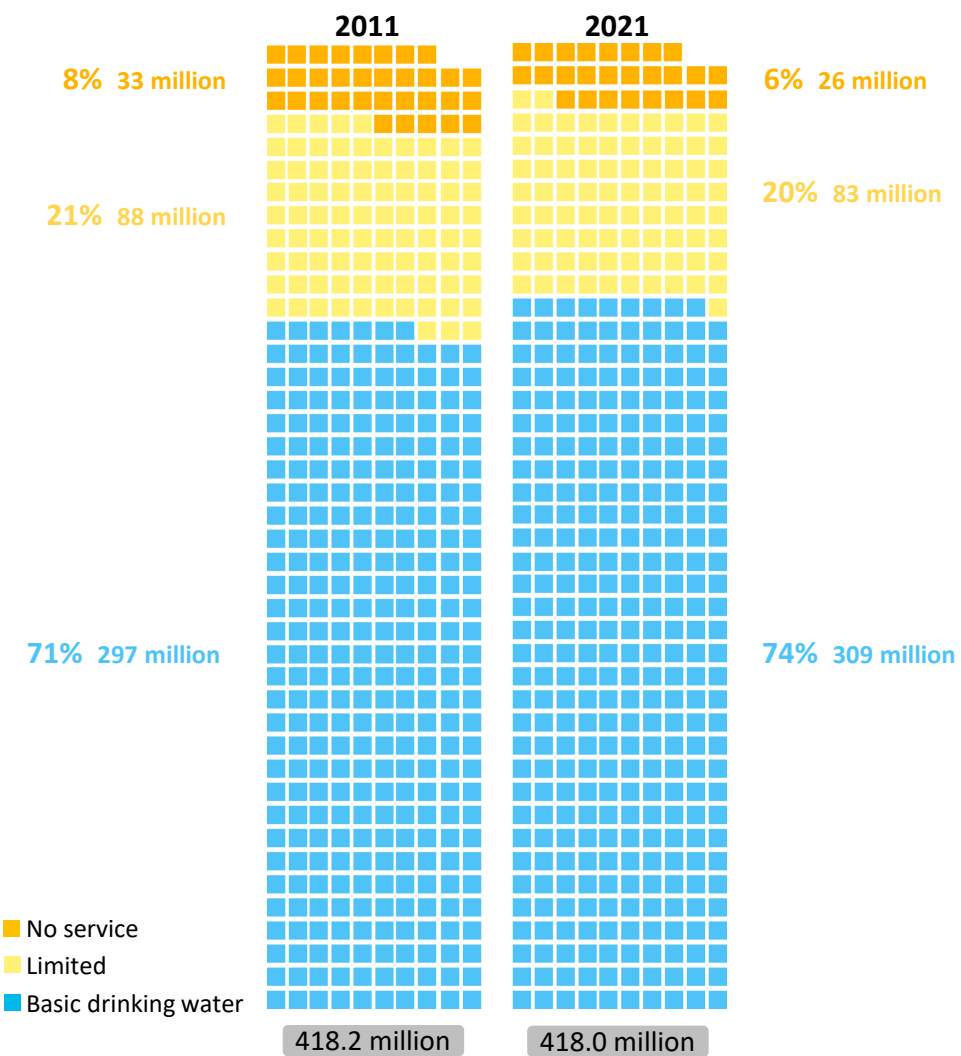
Schools in East Asia and the Pacific

Schools in the Pacific



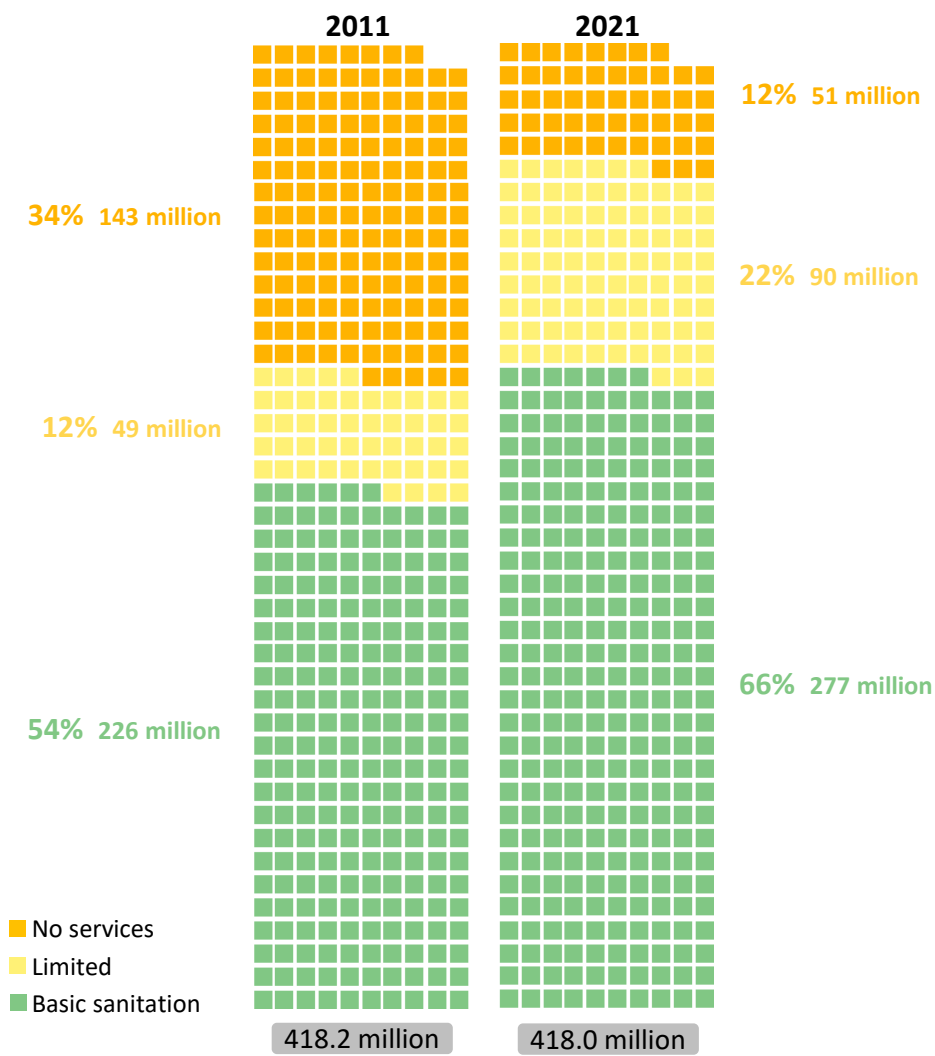
Coverage of WASH in school services, 2015-2021 (%), and acceleration required to meet targets by 2030, East Asia and the Pacific Region

#### Since 2011, 12 million children in East Asia & Pacific gained access to a basic drinking water service at school



Number of school-age children with access to different levels of drinking water services while at school, 2011 and 2021, East Asia and Pacific Region (each unit represents 1 million children)

#### Since 2011, 51 million children in East Asia & Pacific gained access to basic sanitation services at school



Number of school-age children with access to different levels of sanitation services while at school, 2011 and 2021, East Asia and Pacific Region (each unit represents 1 million children)

Countries & Regions	Year	Drinking water												Sanitation												Hygiene											
		National			Pre-primary			Primary			Secondary			National			Pre-primary			Primary			Secondary			National			Pre-primary			Primary			Secondary		
		Basic services	Limited services	No service	Basic services	Limited services	No service	Basic services	Limited services	No service	Basic services	Limited services	No service	Basic services	Limited services	No service	Basic services	Limited services	No service	Basic services	Limited services	No service	Basic services	Limited services	No service	Basic services	Limited services	No service	Basic services	Limited services	No service	Basic services	Limited services	No service			
Cambodia	2015	76	2	22	62	<1	38	83	4	14	82	<1	17	32	30	37	21	13	66	41	34	25	47	36	17	30	2	68	15	1	84	39	2	59	29	2	70
Cambodia	2021	76	2	22	62	<1	38	83	4	14	82	<1	17	32	30	37	21	13	66	41	34	25	47	36	17	68	5	27	61	4	35	73	5	22	67	6	27
China	2015	-	-	2	-	-	-	-	-	<1	-	-	<1	-	-	42	-	-	-	-	-	2	-	-	1	-	-	1	-	-	-	-	-	2	-	-	<1
China	2021	-	-	<1	-	-	-	-	-	<1	-	-	<1	-	-	-	-	-	-	-	-	0	-	-	1	-	-	1	-	-	-	-	-	2	-	-	<1
Cook Islands	2015	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	100	0	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Cook Islands	2021	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	100	0	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Dem. People's Rep. of Korea	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dem. People's Rep. of Korea	2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fiji	2015	87	3	9	90	4	6	87	2	12	90	2	8	76	18	6	-	-	-	83	16	2	80	17	3	70	21	9	70	7	23	76	19	4	45	41	13
Fiji	2021	87	3	9	90	4	6	87	2	12	90	2	8	76	18	6	-	-	-	83	16	2	80	17	3	70	21	9	70	7	23	76	19	4	45	41	13
Indonesia	2015	73	16	11	-	-	-	72	16	12	75	11	14	47	40	13	-	-	-	43	44	13	55	32	13	45	24	31	-	-	-	46	24	30	45	23	33
Indonesia	2021	73	8	19	70	2	27	72	8	20	75	11	14	47	40	13	28	53	19	43	44	13	55	26	18	66	3	31	57	5	38	66	4	30	64	4	33
Kiribati	2015	-	-	28	-	-	-	-	-	32	-	-	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kiribati	2021	76	-	-	-	-	-	67	-	-	86	-	-	66	-	-	-	-	-	72	-	-	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lao PDR	2015	56	9	35	-	-	-	56	9	35	-	-	-	32	41	28	-	-	-	32	41	28	-	-	-	35	-	-	-	-	-	35	-	-	-	-	-
Lao PDR	2021	56	11	33	-	-	-	56	11	33	-	-	-	32	46	22	-	-	-	32	46	22	-	-	-	35	25	40	-	-	50	35	31	33	-	-	50
Malaysia	2015	97	3	<1	-	-	-	95	5	<1	99	1	<1	>99	1	0	-	-	-	99	1	0	100	0	0	98	2	<1	-	-	-	97	3	<1	99	1	<1
Malaysia	2021	97	3	<1	-	-	-	95	5	<1	99	1	<1	>99	1	0	-	-	-	99	1	0	100	0	0	98	2	<1	-	-	-	97	3	<1	99	1	<1
Marshall Islands	2015	63	-	-	-	-	-	68	-	-	57	-	-	78	-	-	-	-	-	65	-	-	92	-	-	69	-	-	-	-	-	63	-	-	74	-	-
Marshall Islands	2021	63	-	-	-	-	-	68	-	-	57	-	-	78	-	-	-	-	-	65	-	-	92	-	-	69	-	-	-	-	-	63	-	-	74	-	-
Fed. States of Micronesia	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fed. States of Micronesia	2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mongolia	2015	74	24	2	-	-	-	73	24	3	73	25	1	63	21	16	-	-	-	70	16	14	63	21	15	41	36	23	-	-	-	44	36	20	66	10	24
Mongolia	2021	74	24	2	-	-	-	73	24	3	73	25	1	63	21	16	-	-	-	70	16	14	63	21	15	41	36	23	-	-	-	44	36	20	66	10	24
Myanmar	2015	77	-	-	-	-	-	74	-	-	82	-	-	74	-	-	-	-	-	72	-	-	71	-	-	59	-	-	-	-	-	54	-	-	62	-	-
Myanmar	2021	77	-	-	-	-	-	74	-	-	82	-	-	74	-	-	-	-	-	72	-	-	71	-	-	59	-	-	-	-	-	54	-	-	62	-	-
Nauru	2015	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	93	7	0	-	-	-	100	0	0	83	17	0	80	-	-	-	-	-	75	-	-	86	-	-
Nauru	2021	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	93	7	0	-	-	-	100	0	0	83	17	0	80	-	-	-	-	-	75	-	-	86	-	-
Niue	2015	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	100	0	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Niue	2021	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	100	0	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Palau	2015	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Palau	2021	89	11	<1	-	-	-	84	-	-	95	-	-	89	11	0	-	-	-	84	-	-	95	-	-	89	-	-	-	-	-	84	-	-	95	-	-
Papua New Guinea	2015	47	6	47	34	8	58	46	6	48	65	23	12	46	12	42	45	13	42	46	12	42	69	10	21	12	43	46	12	41	46	11	43	46	16	44	40
Papua New Guinea	2021	47	6	47	34	8	58	46	6	48	65	23	12	46	12	42	45	13	42	46	12	42	69	10	21	12	43	46	12	41	46	11	43	46	16	44	40
Philippines	2015	41	13	46	-	-	-	40	13	48	47	12	40	40	52	8	-	-	-	34	58	8	69	24	7	48	<1	52	-	-	-	48	<1	52	46	4	51
Philippines	2021	45	29	26	-	-	-	45	29	26	46	28	25	74	18	8	-	-	-	70	22	8	90	3	7	61	18	21	-	-	-	64	16	21	52	24	24
Samoa	2015	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	-	-	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Samoa	2021	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	99	1	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Solomon Islands	2015	36	24	40	26	30	43	43	25	32	59	21	20	17	19	64	9	26	65	10	25	66	22	25	53	12	13	75	19	13	68	3	7	90	3	8	89
Solomon Islands	2021	36	24	40	26	30	43	43	25	32	59	21	20	17	19	64	9	26	65	10	25	66	22	25	53	12	13	75	19	13	68	3	7	90	3	8	89
Thailand	2015	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	100	0	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Thailand	2021	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	100	0	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Timor-Leste	2015	64	7	29	62	5	33	64	7	30	62	10	28	38	28	34	38	14	47	37	29	34	43	35	22	60	-	-	-	-	-	61	-	-	52	-	-
Timor-Leste	2021	70	-	-	-	-	-	71	-	-	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	-	-	-	-	61	-	-	52	-	-
Tokelau	2015	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	100	0	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Tokelau	2021	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1	>99	0	0	-	-	-	100	0	0	100	0	0	>99	<1	<1	-	-	-	>99	<1	<1	>99	<1	<1
Tonga	2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tonga	2021	99	-	-	-	-	-	98	-	-	99	-	-	98	-	-	-	-	-	97	-	-															