

Table 3b. Percentage of Families and Population by Service Level of Sanitation Facilities, According to their Region and Residence, Philippines, 2017 and 2019

Background Characteristics	2017 APIS					2019 APIS				
	Number of Families/Population (in thousands)	Service Level of Sanitation Facilities				Number of Families/Population (in thousands)	Service Level of Sanitation Facilities			
		Basic	Limited	Unimproved	Open Defecation		Basic	Limited	Unimproved	Open Defecation
FAMILIES										
Region										
PHILIPPINES	24,354	73.7	15.4	5.2	5.7	25,310	81.6	10.9	3.7	3.7
National Capital Region	3,168	76.8	18.4	4.7	*	3,385	79.8	14.9	4.9	*
Cordillera Administrative Region	435	79.1	13.8	*	3.6	431	86.2	8.5	4.5	0.9
I - Ilocos Region	1,225	70.1	25.7	*	*	1,232	82.9	15.1	*	*
II - Cagayan Valley	851	78.9	18.4	*	*	868	90.2	7.9	*	*
III - Central Visayas	2,658	83.6	13.8	*	*	2,853	88.2	8.9	1.1	1.8
IVA - CALABARZON	3,542	86.9	7.5	*	4.4	3,876	88.7	8.4	1.7	1.3
MIMAROPA	759	70.3	21.4	*	*	754	82.9	9.1	1.7	6.4
V - Bicol	1,331	69.8	17.1	*	9.8	1,300	74.2	10.7	3.6	11.5
VI - Western Visayas	1,849	69.6	9.0	8.0	13.4	1,870	83.3	5.7	2.2	8.8
VII - Central Visayas	1,810	64.1	20.7	*	12.6	1,883	81.4	10.0	3.4	5.2
VIII - Eastern Visayas	1,068	71.6	10.7	*	16.5	1,083	77.3	11.7	2.1	8.9
IX - Zamboanga Peninsula	872	68.2	15.0	11.1	*	851	83.9	6.1	4.5	5.5
X - Northern Mindanao	1,104	77.8	15.6	4.2	*	1,144	80.7	13.3	3.2	2.8
XI - Davao	1,276	70.9	24.2	*	*	1,320	79.2	15.3	3.5	2.0
XII - SOCCSKSARGEN	1,124	54.3	19.9	15.6	10.2	1,156	74.3	18.3	4.9	2.4
XIII - Caraga	643	80.3	10.4	*	6.5	634	84.9	9.2	2.3	3.6
BARMM	639	29.1	9.1	46.5	15.4	670	32.7	12.9	38.2	16.1
Residence										
Urban	11,806	77.7	16.0	3.4	2.9	13,041	82.8	12.2	2.9	2.1
Rural	12,548	69.9	14.9	6.9	8.3	12,269	80.2	9.6	4.6	5.5
POPULATION										
PHILIPPINES	104,922	73.6	14.5	6.0	5.9	107,288	81.1	10.4	4.4	4.0
National Capital Region	12,919	78.2	16.5	5.2	*	13,633	80.6	13.5	5.5	*
Cordillera Administrative Region	1,847	79.9	12.2	*	4.4	1,792	87.2	7.5	4.6	0.7
I - Ilocos Region	5,263	72.4	22.1	*	*	5,226	83.1	15.1	*	*
II - Cagayan Valley	3,596	80.6	16.8	*	*	3,620	91.0	7.1	*	*
III - Central Visayas	11,427	84.8	12.4	*	*	12,105	87.4	9.2	1.3	2.1
IVA - CALABARZON	14,659	86.8	7.7	*	3.8	15,743	89.0	8.2	1.7	1.1
MIMAROPA	3,216	70.3	21.1	*	*	3,136	82.6	9.2	1.6	6.6
V - Bicol	6,267	68.8	18.0	*	10.4	6,071	73.9	10.2	3.9	12.0
VI - Western Visayas	7,920	68.9	9.4	8.0	13.7	7,836	83.9	5.4	2.2	8.4
VII - Central Visayas	7,690	64.5	20.5	*	11.6	7,854	82.2	9.3	3.2	5.3
VIII - Eastern Visayas	4,705	72.3	9.8	*	16.7	4,681	77.6	11.5	2.5	8.5
IX - Zamboanga Peninsula	3,896	67.6	14.8	11.8	*	3,754	83.4	5.6	5.5	5.5
X - Northern Mindanao	4,857	77.9	15.0	4.8	*	4,956	81.3	12.4	3.2	3.1
XI - Davao	5,153	72.4	22.7	*	*	5,210	80.5	13.7	3.5	2.2
XII - SOCCSKSARGEN	4,780	53.8	17.0	17.9	11.3	4,850	73.4	17.9	5.9	2.8
XIII - Caraga	2,829	79.5	11.3	*	6.2	2,723	84.7	9.4	2.3	3.6
BARMM	3,897	30.7	8.5	45.2	15.6	4,098	32.2	12.3	39.5	16.0
Residence										
Urban	49,748	78.4	14.7	3.9	3.1	54,539	83.0	11.5	3.3	2.1
Rural	55,173	69.3	14.3	7.9	8.4	52,749	79.2	9.3	5.6	5.9

Notes:

1. Service level classifications of sanitation based on WHO/UNICEF JMP Report 2017:

Improved sanitation facilities are those designed to hygienically separate excreta from human contact. These include wet sanitation technologies (flush and pour flush toilets connecting to sewers, septic tanks or pit latrines) and dry sanitation technologies (ventilated improved pit latrines; pit latrines with slabs; or composting toilets)

Basic - Use of improved facilities that are not shared with other households.

Limited - Use of improved facilities shared between two or more households.

Unimproved - Use of pit latrines without a slab or platform, hanging latrines or bucket latrines.

Open defecation - Disposal of human faeces in fields, forests, bushes, open bodies of water, beaches or other open spaces, or with solid waste.

2. The sample size of 2017 APIS is around 11,000 sample households while 2019 APIS sample is around 45,000. Sample size of 2017 APIS is deemed sufficient for national estimates only while 2019 APIS is sufficient for regional estimates.

3. * An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

Source: Philippine Statistics Authority, 2017 and 2019 Annual Poverty Indicators Surveys