

Table 2a. Percentage of Families and Population by Source of Drinking Water, Time to Obtain Drinking Water, and Treatment of Drinking Water, and Sufficiency of Water, According to their Residence, Philippines, 2017 and 2019

Drinking Water Characteristics	2017 APIS						2019 APIS					
	Families			Population			Families			Population		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
Number of Families/Population (Total, in thousands)	11,806	12,548	24,354	49,748	55,173	104,922	13,041	12,269	25,310	54,539	52,749	107,288
Source of Drinking Water												
Total	100	100	100	100	100	100	100	100	100	100	100	100
Improved Source	97.4	90.9	94.0	97.3	89.7	93.3	98.1	93.4	95.8	98.0	93.1	95.6
Piped into dwelling	24.8	16.0	20.3	23.7	15.5	19.4	24.5	15.9	20.4	24.6	15.4	20.1
Piped to yard/plot	4.0	6.5	5.3	4.0	6.7	5.4	3.5	7.0	5.2	3.5	7.1	5.3
Piped to neighbor	3.0	4.6	3.8	3.6	4.4	4.0	2.2	1.8	2.0	2.4	1.8	2.1
Public tap/stand pipe	1.4	7.0	4.3	1.6	7.2	4.6	1.7	6.2	3.9	1.7	6.4	4.0
Tube well/borehole	5.0	18.6	12.0	5.0	18.2	11.9	4.0	15.8	9.7	4.1	15.6	9.7
Protected well	0.6	5.8	3.3	0.5	5.9	3.3	1.6	5.1	3.3	1.6	5.3	3.4
Protected spring	1.3	5.4	3.4	1.6	5.5	3.6	1.2	5.4	3.3	1.2	5.8	3.5
Rain water	*	0.5	0.2	*	0.6	0.3	0.1	0.5	0.3	0.1	0.6	0.3
Water refilling station ¹	53.9	22.4	37.7	54.1	21.5	36.9	56.9	32.7	45.2	56.0	31.8	44.1
Bottled water/sachet water ¹	2.7	2.5	2.6	2.3	2.5	2.4	1.9	1.9	1.9	1.9	1.9	1.9
Tanker truck/cart with small tank	0.7	1.5	1.1	0.9	1.7	1.3	0.6	1.0	0.8	0.7	1.2	1.0
Unimproved Source	2.6	9.1	6.0	2.7	10.3	6.7	1.9	6.6	4.2	2.0	6.9	4.4
Unprotected well	*	3.8	1.9	*	4.5	2.4	0.4	2.1	1.2	0.4	2.3	1.3
Unprotected spring	0.9	3.1	2.0	1.0	3.3	2.2	0.5	2.7	1.5	0.5	2.7	1.6
Water refilling station ¹	0.6	1.2	0.9	0.6	1.2	0.9	0.9	1.6	1.2	0.9	1.5	1.2
Bottled water/sachet water ¹	*	*	0.1	*	*	0.1	*	*	0.1	*	*	0.1
Surface water	*	*	0.4	*	*	0.4	*	0.2	0.1	*	0.3	0.2
Other source	0.7	*	0.7	0.7	*	0.7	*	*	*	*	*	*
Water Treatment prior to drinking²												
Total	11.6	13.5	12.6	13.0	13.9	13.4	10.9	12.5	11.7	11.7	13.7	12.7
Bleach/chlorine added	0.4	0.9	0.7	0.5	1.1	0.8	0.7	0.9	0.8	0.7	1.0	0.8
Strained through cloth	3.3	11.8	7.7	3.8	12.2	8.2	4.8	9.2	6.9	5.3	10.1	7.7
Ceramic, sand, composite or other filter	3.7	1.2	2.4	3.5	1.1	2.3	4.1	1.5	2.9	4.0	1.5	2.8
Let it stand and settle	1.9	2.7	2.3	2.0	2.7	2.4	1.8	3.1	2.4	1.9	3.3	2.6
Solar disinfection	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.1
Other	0.4	0.5	0.4	0.4	0.4	0.4	1.0	0.3	0.7	1.0	0.2	0.6
Don't know	0.2	0.1	0.1	0.2	0.1	0.1	1.0	0.9	0.9	1.0	1.0	1.0
No Treatment	81.2	72.4	76.6	79.8	71.4	75.4	80.3	77.3	78.8	79.2	75.3	77.3
Main Reason for Inability to Access Sufficient Water												
Total	100	100	100	100	100	100	100	100	100	100	100	100
Water always sufficient	90.2	86.7	88.4	89.6	86.4	87.9	82.7	87.7	85.2	82.2	87.1	84.6
Water not available from source	4.3	7.0	5.7	4.6	7.0	5.9	13.9	8.1	11.1	14.3	8.8	11.6
Water too expensive	1.7	1.1	1.4	1.9	1.2	1.5	0.5	0.3	0.4	0.5	0.4	0.4
Water source not accessible	0.8	1.3	1.1	0.8	1.4	1.1	0.9	1.8	1.3	1.0	1.8	1.4
Other	1.8	3.2	2.5	2.1	3.2	2.7	0.7	1.1	0.9	0.7	1.1	0.9
Don't know	1.1	0.7	0.9	1.0	0.8	0.9	1.3	0.9	1.1	1.3	0.8	1.1
Time to Obtain Drinking Water												
Total	100	100	100	100	100	100	100	100	100	100	100	100
Water on premises ³	86.8	62.9	74.5	85.2	61.3	72.6	89.1	72.5	81.0	88.3	71.4	80.0
Non-member of the family who collected water	1.5	2.5	2.0	1.5	2.6	2.0	1.6	2.6	2.1	1.7	2.6	2.2
Not more than 30 minutes	10.8	31.5	21.5	12.4	32.5	22.9	8.6	21.8	15.0	9.1	22.6	15.8
More than 30 minutes	0.4	2.3	1.4	0.5	2.6	1.6	0.6	2.7	1.7	0.8	2.9	1.8
Don't know/missing	0.5	0.8	0.7	0.5	1.0	0.8	0.1	0.3	0.2	0.1	0.3	0.2

Notes:

1. Families that use bottled water or refilling stations for drinking are classified as using an improved source only if the water they use for cooking and handwashing comes from an improved source. Otherwise, they are classified as unimproved source of drinking water.

2. Families may report multiple treatment methods, so the sum of treatment may exceed 100 percent.

3. The source of water for drinking, cooking and handwashing is located in own dwelling or in own yard/plot.

4. * 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