

SPECIAL RELEASE

Functional Difficulty in the Philippines: For Household Population Five Years Old and Over (2020 Census of Population and Housing)

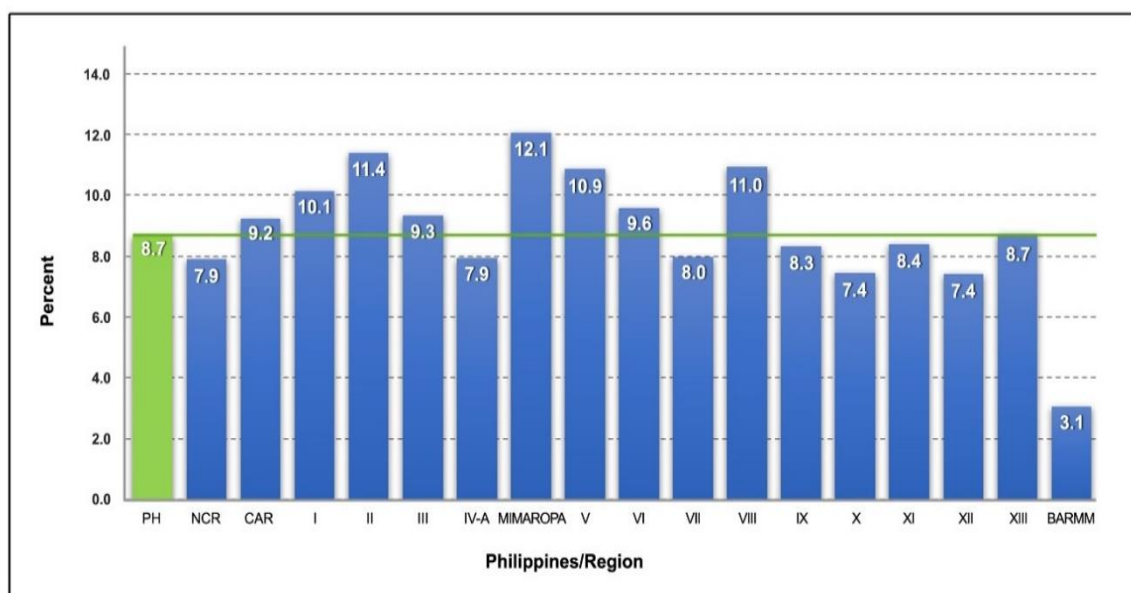
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Persons with functional difficulty posted at 8.7 percent

1. Of the 97.60 million household population five years old and over, nearly nine in every 100 persons (8.7%) had at least one domain of functional difficulty, that is, any of the six functional domains of seeing, hearing, walking or climbing steps, remembering or concentrating, self-caring (washing all over or dressing) or communicating. (Figure 1 and Table 1)
2. Based on the 2020 Census of Population and Housing (2020 CPH), 8,469,426 persons five years old and over reported to have difficulty in functioning in at least one of the said six domains. (Table 1)

Figure 1. Proportion of Household Population With At least One Domain of Functional Difficulty by Region: Philippines, 2020



Source: Philippine Statistics Authority, 2020 Census of Population and Housing

3. Among the 17 administrative regions, Region IV-A (CALABARZON) had the highest number of persons with functional difficulty in at least one domain, with 1,158,034 persons. It was followed by Region III (Central Luzon) with 1,046,090 persons and the National Capital Region (NCR) with 958,859 persons. (Table 1)
4. The Bangsamoro Autonomous Region in Muslim Mindanao (BARMM), on the other hand, had the lowest number of persons with at least one domain of functional difficulty, with 128,410 persons.

Table 1. Persons Five Years Old and Over With at Least One Functional Difficulty Domain by Region: Philippines, 2020

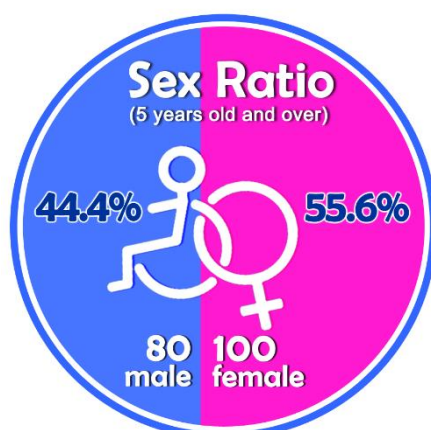
Region	Household Population Five Years Old and Over	Household Population Five Years Old and Over Who Have At Least One Functional Difficulty Domain	
		Number	Percent
Philippines	97,600,336	8,469,426	8.7
National Capital Region (NCR)	12,124,096	958,859	7.9
Cordillera Administrative Region (CAR)	1,632,709	150,757	9.2
I - Ilocos	4,812,461	488,436	10.1
II - Cagayan Valley	3,349,120	381,222	11.4
III - Central Luzon	11,199,347	1,046,090	9.3
IV-A - CALABARZON	14,586,677	1,158,034	7.9
MIMAROPA Region	2,880,314	347,120	12.1
V - Bicol	5,388,419	585,087	10.9
VI - Western Visayas	7,173,917	687,104	9.6
VII - Central Visayas	7,228,144	575,242	8.0
VIII - Eastern Visayas	4,055,906	444,171	11.0
IX - Zamboanga Peninsula	3,436,251	285,461	8.3
X - Northern Mindanao	4,461,503	332,177	7.4
XI - Davao	4,681,836	393,530	8.4
XII - SOCCSKSARGEN	3,881,544	288,069	7.4
XIII - Caraga	2,510,426	219,657	8.7
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	4,197,666	128,410	3.1

Source: Philippine Statistics Authority, 2020 Census of Population and Housing

More females than males have at least one domain of functional difficulty

5. Of the 8.5 million household population aged five years and over with at least one domain of functional difficulty, females accounted for 55.6 percent, while males comprised the remaining 44.4 percent. These figures resulted in a sex ratio of 80 males for every 100 females with at least one domain of functional difficulty. (Figure 2 and Table 2)

Figure 2. Household Population Five Years Old and Over With at Least One Domain of Functional Difficulty by Sex: Philippines, 2020



Source: Philippine Statistics Authority, 2020 Census of Population and Housing

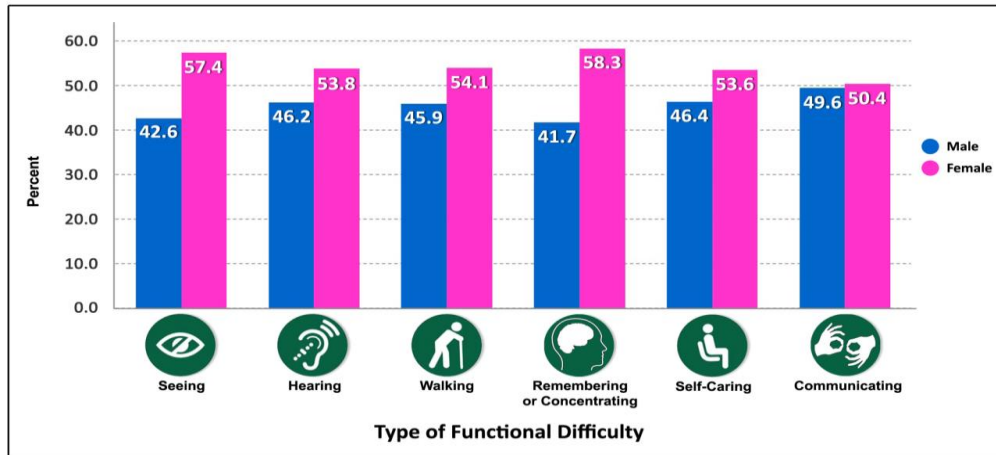
Table 2. Household Population Five Years Old and Over With at Least One Domain of Functional Difficulty by Age Group and Sex, and Sex Ratio: Philippines, 2020

Age Group	Number of Household Population Five Years Old and Over With at Least One Domain of Functional Difficulty by Sex			Sex Ratio
	Both Sexes	Male	Female	
All ages	8,469,426	3,763,241	4,706,185	80
5 – 9	124,153	68,373	55,780	123
10 – 14	137,518	70,275	67,243	105
15 – 19	182,597	79,896	102,701	78
20 – 24	233,872	97,004	136,868	71
25 – 29	254,935	106,819	148,116	72
30 – 34	270,681	119,152	151,529	79
35 – 39	312,157	137,093	175,064	78
40 – 44	550,956	246,493	304,463	81
45 – 49	774,010	362,954	411,056	88
50 – 54	951,012	452,079	498,933	91
55 – 59	977,146	462,681	514,465	90
60 – 64	1,020,132	477,893	542,239	88
65 – 69	870,130	394,503	475,627	83
70 – 74	704,872	300,149	404,723	74
75 – 79	490,061	189,548	300,513	63
80 years and over	615,194	198,329	416,865	48

Source: Philippine Statistics Authority, 2020 Census of Population and Housing

6. Females out proportioned males in all domains of functional difficulty. Sex differential was most pronounced among those with functional difficulty in remembering and concentrating (58.3% were females and 41.7% were males), followed by those with functional difficulty in seeing (57.4% were females and 42.6% were males). The smallest sex differential was observed among those with functional communication difficulty (50.4% were females and 49.6% were males). (Figure 3)

Figure 3. Proportion of Household Population With At Least One Domain of Functional Difficulty by Sex and Domain of Functional Difficulty: Philippines, 2020



Source: Philippine Statistics Authority, 2020 Census of Population and Housing

- Except in age groups 5 to 9 years and 10 to 14, females in all age groups outnumbered males in having at least one functional difficulty. The age group 60 to 64 years old has the highest number of persons with at least one functional difficulty while those in age group 5 to 9 has the lowest. (Table 2)

Difficulty in seeing, even when wearing glasses, is the most common domain of functional difficulty

- Of the 8.47 million household population aged five years and over with at least one domain of functional difficulty, 78.3 percent reported having difficulty seeing, even when wearing glasses. (Table 3)

Moreover, those with difficulty in walking or climbing steps comprised 22.4 percent; with difficulty in hearing, even when using a hearing aid (21.1%); with difficulty in remembering or concentrating (16.4%); with difficulty in self-caring (7.6%); and with difficulty in communicating using their usual (customary) language (7.4%). (Table 3)

Table 3. Number and Proportion of Household Population Five Years Old and Over With at Least One Domain of Functional Difficulty by Sex and Domain of Functional Difficulty: Philippines, 2020

Domain of Functional Difficulty	Number of Household Population Five Years Old and Over by Sex			Proportion of Household Population Five Years Old and Over With at Least One Domain of Functional Difficulty to Household Population Five Years Old and Over (In percent)
	Both Sexes	Male	Female	
Household population five years old and over with at least one domain of functional difficulty	8,469,426	3,763,241	4,706,185	
Difficulty in seeing, even when wearing glasses	6,630,068	2,826,325	3,803,743	78.3
Difficulty in hearing, even when using a hearing aid	1,784,690	823,797	960,893	21.1
Difficulty in walking or climbing steps	1,895,026	870,653	1,024,373	22.4
Difficulty in remembering or concentrating	1,392,151	580,243	811,908	16.4
Difficulty in self-caring (washing all over or dressing)	644,872	299,441	345,431	7.6
Difficulty in communicating	626,717	310,586	316,131	7.4

Note:

Details of functional difficulty by domain do not add up to the aggregate household population five years old and over with at least one domain of functional difficulty due to persons with multiple functional difficulties.

Source: Philippine Statistics Authority, 2020 Census of Population and Housing

Almost nine in every ten persons have mild functional difficulty

9. Of the 8.47 million persons with at least one domain of functional difficulty, about 86.0 percent were reported to have mild cases; 9.9 percent had moderate cases, and 4.1 percent had severe cases. (Table 4)
10. Mild case was highest among those with functional difficulty in seeing (6.14 million cases), followed by those with difficulty in hearing (1.53 million cases), difficulty in walking or climbing steps (1.47 million cases), and difficulty in remembering or concentrating (1.17 million cases). (Table 4)
11. Among moderate cases, those with functional difficulty in seeing were also the highest (412,328 cases), followed by those with difficulty in walking or climbing steps (288,188 cases), and those with difficulty in hearing (198,344 cases). (Table 4)
12. Severe case of functional difficulty, on the other hand, was highest among those with difficulty in self-caring (150,643 cases), followed by those with difficulty in walking or climbing steps (135,814 cases), and difficulty in communicating (122,027 cases). (Table 4)

Table 4. Household Population Five Years Old and Over With at Least Domain of Functional Difficulty by Level of Severity of Functional Difficulty: Philippines, 2020

Domain of Functional Difficulty	Total	Level of Severity		
		Mild	Moderate	Severe
Household population five years old and over with at least domain of functional difficulty	8,469,426	7,283,927	840,194	345,305
Difficulty in seeing, even when wearing glasses	6,630,068	6,144,128	412,328	73,612
Difficulty in hearing, even when using a hearing aid	1,784,690	1,530,648	198,344	55,698
Difficulty in walking or climbing steps	1,895,026	1,471,024	288,188	135,814
Difficulty in remembering or concentrating	1,392,151	1,173,626	162,408	56,117
Difficulty in self-caring (washing all over or dressing)	644,872	372,352	121,877	150,643
Difficulty in communicating	626,717	362,627	142,063	122,027

Note:

Details of functional difficulty by domain do not add up to the aggregate household population five years old and over with at least one domain of functional difficulty due to persons with multiple functional difficulties.

Source: Philippine Statistics Authority, 2020 Census of Population and Housing

Severe cases of functional difficulty are most prevalent among females aged 80 years and over

- Severe cases of functional difficulty were most common among the elderly (60 years old and over) and children aged 5 to 14. Of the 345,305 severe cases of functional difficulty, persons aged 80 years and above posted the highest prevalence rate (59,971 or 17.4%). By sex, the prevalence rate in this age group 80 years and over was more pronounced among females (24.0%) than among males (10.1%).

The next highest prevalence rate of severe cases was observed in children aged 5 to 9 years (24,498 cases or 7.1%). However, the prevalence rate of severe cases among persons in this age group was slightly higher among males (13,635 or 8.3%) than among females (10,863 or 6.0%). (Table 5 and Figure 5)

- Of the total 840,194 moderate cases, persons aged 80 years and over posted the highest prevalence rate (139,245 or 16.6%). It was followed by those in the age groups 70 to 74 years (85,951 or 10.2%), 65 to 69 years (83,280 or 9.9%), 60 to 64 years (80,588 or 9.6%), and 75 to 79 years (77,106 or 9.2%).

By sex, the prevalence rate of moderate cases among the elderly population was higher among females aged 70 years and over. However, the males had a higher prevalence rate among those below 70 years old. (Table 5 and Figure 5)

- Mild cases of functional difficulty were observed to be highest among persons aged 50 to 69 years. Persons 60 to 64 years old posted the highest prevalence rate (12.6%), followed by those in the age groups

55 to 59 years (12.3%), 50 to 54 years (12.1%), and 65 to 69 years (10.5%).

By sex, the prevalence rate of mild cases was slightly higher among males than among females in the said age groups. (Table 5 and Figures 5, 6 and 7)

Figure 5. Age-Sex Pyramid of Household Population with at Least One Mild Functional Difficulty: Philippines, 2020

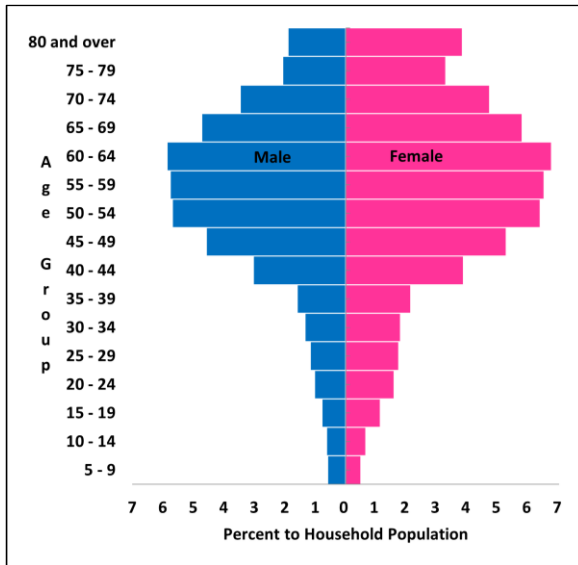


Figure 6. Age-Sex Pyramid of Household Population with at Least One Moderate Functional Difficulty: Philippines, 2020

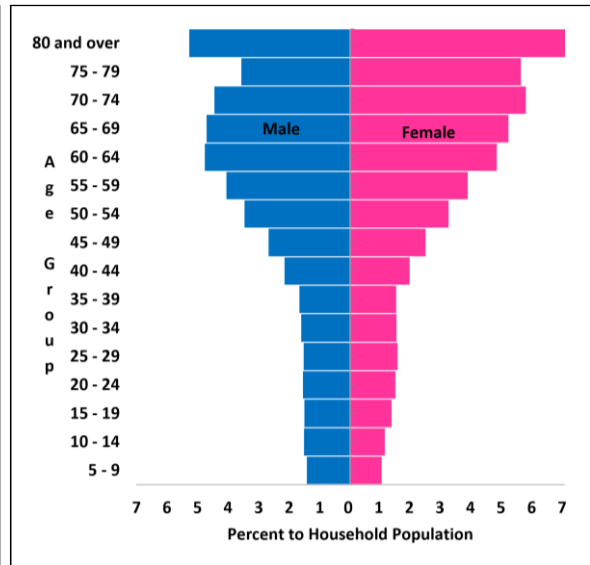


Figure 7. Age-Sex Pyramid of Household Population with at Least One Severe Functional Difficulty: Philippines, 2020

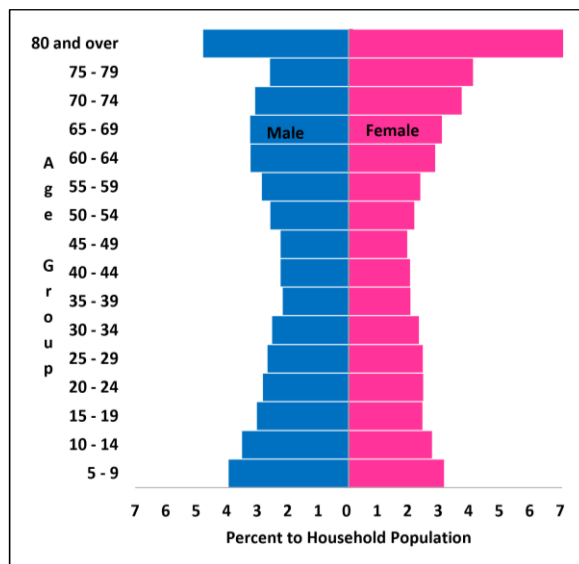


Table 5. Number and Percent Distribution of Household Population Five Years Old and Over With at Least One Domain of Functional Difficulty by Level of Severity, Age Group, and Sex: Philippines, 2020

Age Group and Sex	Household Population With at Least One Domain of Functional Difficulty by Level of Severity					
	Mild		Moderate		Severe	
	Number	Percent	Number	Percent	Number	Percent
Both sexes	7,283,927	100.0	840,194	100.0	345,305	100.0
5 - 9	78,823	1.1	20,832	2.5	24,498	7.1
10 - 14	93,363	1.3	22,514	2.7	21,641	6.3
15 - 19	139,508	1.9	24,229	2.9	18,860	5.5
20 - 24	189,880	2.6	25,745	3.1	18,247	5.3
25 - 29	211,110	2.9	26,137	3.1	17,688	5.1
30 - 34	227,496	3.1	26,478	3.2	16,707	4.8
35 - 39	270,641	3.7	26,926	3.2	14,590	4.2
40 - 44	501,543	6.9	34,663	4.1	14,750	4.3
45 - 49	716,152	9.8	43,398	5.2	14,460	4.2
50 - 54	878,125	12.1	56,461	6.7	16,426	4.8
55 - 59	892,439	12.3	66,641	7.9	18,066	5.2
60 - 64	918,536	12.6	80,588	9.6	21,008	6.1
65 - 69	765,031	10.5	83,280	9.9	21,819	6.3
70 - 74	595,417	8.2	85,951	10.2	23,504	6.8
75 - 79	389,885	5.4	77,106	9.2	23,070	6.7
80 years and over	415,978	5.7	139,245	16.6	59,971	17.4
Male	3,211,196	100.0	387,805	100.0	164,240	100.0
5 - 9	42,672	1.3	12,066	3.1	13,635	8.3
10 - 14	45,259	1.4	12,880	3.3	12,136	7.4
15 - 19	56,734	1.8	12,728	3.3	10,434	6.4
20 - 24	74,084	2.3	13,164	3.4	9,756	5.9
25 - 29	84,573	2.6	13,008	3.4	9,238	5.6
30 - 34	96,762	3.0	13,680	3.5	8,710	5.3
35 - 39	115,389	3.6	14,170	3.7	7,534	4.6
40 - 44	220,508	6.9	18,239	4.7	7,746	4.7
45 - 49	332,585	10.4	22,609	5.8	7,760	4.7
50 - 54	413,875	12.9	29,271	7.5	8,933	5.4
55 - 59	418,622	13.0	34,179	8.8	9,880	6.0
60 - 64	426,595	13.3	40,131	10.3	11,167	6.8
65 - 69	343,644	10.7	39,660	10.2	11,199	6.8
70 - 74	252,002	7.8	37,502	9.7	10,645	6.5
75 - 79	150,488	4.7	30,113	7.8	8,947	5.4
80 years and over	137,404	4.3	44,405	11.5	16,520	10.1
Female	4,072,731	100.0	452,389	100.0	181,065	100.0
5 - 9	36,151	0.9	8,766	1.9	10,863	6.0
10 - 14	48,104	1.2	9,634	2.1	9,505	5.2
15 - 19	82,774	2.0	11,501	2.5	8,426	4.7
20 - 24	115,796	2.8	12,581	2.8	8,491	4.7
25 - 29	126,537	3.1	13,129	2.9	8,450	4.7
30 - 34	130,734	3.2	12,798	2.8	7,997	4.4
35 - 39	155,252	3.8	12,756	2.8	7,056	3.9
40 - 44	281,035	6.9	16,424	3.6	7,004	3.9
45 - 49	383,567	9.4	20,789	4.6	6,700	3.7
50 - 54	464,250	11.4	27,190	6.0	7,493	4.1
55 - 59	473,817	11.6	32,462	7.2	8,186	4.5
60 - 64	491,941	12.1	40,457	8.9	9,841	5.4
65 - 69	421,387	10.3	43,620	9.6	10,620	5.9
70 - 74	343,415	8.4	48,449	10.7	12,859	7.1
75 - 79	239,397	5.9	46,993	10.4	14,123	7.8
80 years and over	278,574	6.8	94,840	21.0	43,451	24.0

Source: Philippine Statistics Authority, 2020 Census of Population and Housing

For the 2020 CPH, the data on functional difficulty of the household members five years and over were collected by asking the respondents whether each member have difficulty in seeing, even if wearing eyeglasses; hearing, even if using a hearing aid; walking or climbing steps; remembering or concentrating; self-caring; and/or communicating using their usual language.

The statistics presented in this report were based on the information provided by the respondent or any responsible household member who provided answers to the questions and gave correct information about all the household members.

The questions cover six functional domains: seeing, hearing, walking, cognition, self-care, and communication. Each question has four response categories: (1) No, no difficulty, (2) Yes, some difficulty, (3) Yes, a lot of difficulty and (4) Cannot do it at all.

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