

5 Estimated number of patients receiving medical treatment by classification of injury/disease

Looking at the estimated number of patients receiving medical treatment by classification of injury/disease, "IX Diseases of the circulatory system" were the most common with 22,101 thousand patients, followed by "XI Diseases of the digestive system" with 21,201 thousand patients, and "IV Endocrine, nutritional and metabolic diseases" with 11,967 thousand patients. (Table 7)

Table 7 Estimated number of patients receiving medical treatment by classification of injury/disease

(Unit: Thousand persons)

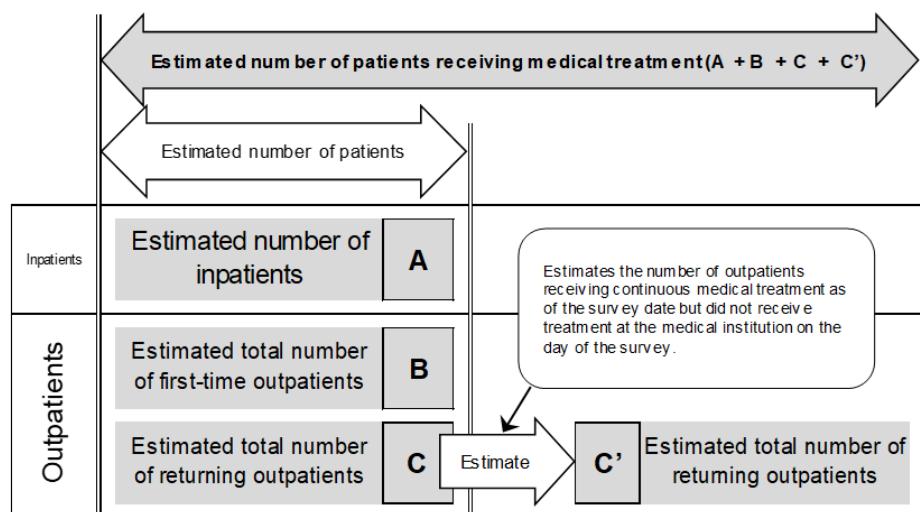
Classification of injury/disease	Total	Male	Female
I Certain infectious and parasitic diseases	1 971	887	1 084
II Neoplasms (tumor)	5 179	2 348	2 833
III Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	442	129	313
IV Endocrine, nutritional and metabolic diseases	11 967	5 510	6 458
V Mental and behavioral disorders	4 896	2 149	2 747
VI Diseases of the nervous system	3 649	1 585	2 064
VII Diseases of the eye and adnexa	8 999	3 351	5 653
VIII Diseases of the ear and mastoid process	955	363	591
IX Diseases of the circulatory system	22 101	10 799	11 305
X Diseases of the respiratory system	6 504	3 053	3 450
XI Diseases of the digestive system	21 201	8 745	12 457
XII Diseases of the skin and subcutaneous tissue	5 653	2 377	3 275
XIII Diseases of the musculoskeletal system and connective tissue	9 856	3 212	6 642
XIV Diseases of the genitourinary system	5 264	2 179	3 113
XV Pregnancy, childbirth and the puerperium	142	.	142
XVI Certain conditions originating in the perinatal period	82	48	34
XVII Congenital malformations, deformations and chromosomal abnormalities	340	167	173
XVIII Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1 194	465	729
XIX Injury, poisoning and certain other consequences of external causes	2 296	984	1 311
XXI Factors influencing health status and contact with health services	9 099	3 250	5 852
XXII Codes for special purposes	160	75	84

Note: The sum of male and female may not match the total as the estimated number of patients receiving medical treatment is calculated from the average interval since the last visit in each table chapter.

*Definition of the estimated number of patients receiving medical treatment (estimated number by injury/disease)

The number of persons receiving continuous medical treatment as of the survey date (including those not receiving care at a medical facility on the survey date) is estimated using the following formula, based on the assumption that outpatients with a certain injury or disease return to the hospital at regular intervals. The figures are adjusted to take into account the days when medical facilities are open.

Estimated number of patients receiving medical treatment = Estimated number of inpatients + Estimated number of first-time outpatients + (Estimated number of returning outpatients x Average interval since last visit x adjustment factor (6/7))



**** Review of the estimation method of number of patients receiving medical treatment**

The estimated number of patients, average treatment interval and adjustment factors are used to estimate the number of patients receiving medical treatment. The average interval since last visit is calculated by setting an upper limit to the "number of days between the date of the last visit and the date of the survey, subject to the estimation, based on the idea that if the interval is shown to be extremely long, it is more appropriate to consider the visit as a first visit rather than a return visit, instead of continuous medical care.

This calculation method was determined by taking into account the treatment conditions when the data was first collected. However, the "Working Group on the Review of the Calculation Methods of Average Interval since Last Visit and Total Number of Patients in Patient Surveys" reviewed the method in light of developments in the treatment conditions due to the changing structure of diseases and improvements in medical technology in recent years. The Working Group revised the upper limit for the number of days used in calculation from 30 days (31 days or more are excluded) that was used until the 2017 survey to 98 days (99 days or more are excluded) from the 2020 survey and thereafter.

See here for details.

"Method of revising the calculation method of 'average interval since last visit' and 'estimated number of patients receiving medical treatment' in the Patient Survey and the results of the 2011 to 2017 surveys, which were estimated using the same method as that used for the 2020 survey"

<https://www.mhlw.go.jp/toukei/list/10-20-oshirase-2022-1.html>