

3. Morbidity, disability and hospital discharges

992971 Hospital discharges: infectious and parasitic diseases

Definition: Total number of patients discharged from all hospitals during the given calendar year with the principal diagnosis falling into the group of infectious and parasitic diseases. (Chapter I of ICD-9/10).

Discharge is the conclusion of a period of inpatient care, whether the patient returned to his home, was transferred to another inpatient facility (transfer to another department of the same hospital is not considered as a discharge) or died. Day treatment cases (patients admitted for a medical procedure or surgery in the morning and released before the evening) are not included. All hospitals are included.

Usually data sources are the national patient register or routine annual reports from inpatient establishments. It has to be pointed out that hospital discharges for a particular disease do not equate to the incidence of this disease although they can be closely correlated. Indicators based on hospital discharges from particular diseases used as an estimate of “a burden” of given diseases on health services, rather than an estimate of disease incidence, i.e. a real burden on the population.

1990	1995	2000
15,450	20,530	25,540

Details: Include acute care hospitals.

Sources: Until 1993: Diagnostic Statistics of Hospitalizations, Central Bureau of Statistics and Ministry of Health.

Since 1994: based on the “National Hospital Database”, Department of Health Information and Ministry of Health.

992972 Hospital discharges: all cancers

Definition: See 992971 above. Chapter II of ICD-9/10.

1990	1995	2000
39,380	54,600	59,940

Details: Include acute care hospitals.

Sources: Until 1993: Diagnostic Statistics of Hospitalizations, Central Bureau of Statistics and Ministry of Health.

Since 1994: based on “National Hospital Database”, Department of Health Information and Ministry of Health.

991051 Number of new cases of cancer, all sites

Definition: Number of patients with newly diagnosed cancer during a given calendar year.

1990	1995	2001
12,952	17,263	22,290

Source: Israel Cancer Registry, Ministry of Health.

045601 Number of all cases of cancer (prevalence)

Definition: Cumulative number of cancer patients (old and new cases) at the end of a given calendar year.

1990	1995	2000
33,000	48,231	66,129

Details: Number of people, living, diagnosed with cancer within the last 5 years.

Source: Israel Cancer Registry, Ministry of Health.

991052 New cases of trachea/bronchus/lung cancer

Definition: Number of patients with newly diagnosed cancer of the trachea, bronchus or lung (ICD-9: 162 or ICD-10: C33, C34) during the given calendar year.

1990	1995	2001
960	1,211	1,487

Source: Israel Cancer Registry, Ministry of Health.

105601 New cases of female breast cancer

Definition: Number of female patients with newly diagnosed cancer of the breast (ICD-9: 174 or ICD-10: C50) during the given calendar year.

1990	1995	2001
2,046	2,550	3,222

Source: Israel Cancer Registry, Ministry of Health.

105401 New cases of cervix uteri cancer

Definition: Number of patients with newly diagnosed cancer of the cervix uteri (ICD-9:180; ICD-10: C53) during the given calendar year.

1990	1995	2001
127	157	202

Source: Israel Cancer Registry, Ministry of Health.

045608 New cases of diabetes mellitus

Definition: Number of patients with newly diagnosed diabetes (ICD-9: 250; ICD-10: E10-E14) during the given calendar year.

Data not available

045606 Number of all cases of diabetes mellitus (prevalence)

Definition: Cumulative number of patients with diabetes (ICD-9: 250; ICD-10: E10-E14) at the end of the calendar year.

1993	1996	2000
135,000	169,400	201,500

Source: Health Surveys: 1-3/1993, 1996/97, 1999/2000, Central Bureau of Statistics and Ministry of Health.

120301 Number of mental patients in hospitals staying 365+ days or more

Definition: Number of mental patients in mental hospitals and departments at the end of a given calendar year with a length of stay of 365 days or more.

1990	1995	2002
4,770	4,193	2,423

Source: Mental Health Services, Ministry of Health.

992979 Hospital discharges: mental and behavioural disorders

Definition: See indicator 992971. Chapter V of ICD-9/10.

1990	1995	2002
10,879	13,339	16,338

Details: Includes inpatients only.

Source: Mental Health Services, Ministry of Health.

991251 Number of new cases of mental disorders

Definition: Number of patients with newly diagnosed mental disorders for the first time in their life (Chapter V of ICD-9/10).

1990	1995	2002
3,409	4,229	4,730

Details: Refers to first admissions of inpatients and day-patients to psychiatric hospitals and psychiatric departments.

Source: Mental Health Services, Ministry of Health.

991252 Number of new cases of alcoholic psychosis

Definition: Number of patients with newly diagnosed alcoholic psychosis for the first time in their life (ICD-9: 291; ICD10: F10) during the given calendar year.

1990	1995	2002
46	73	76

Details: Refers to first admissions of inpatients and day-patients to psychiatric hospitals and psychiatric departments, whose diagnosis was F10.

Source: Mental Health Services, Ministry of Health.

045602 Number of all cases of mental disorders (prevalence)

Definition: Cumulative number of registered mental patients at the end of the calendar year (chapter V of ICD-9/10).

1990	1995	2002
7,867	8,029	5,844

Details: Data includes inpatients and day-patients in mental hospitals or psychiatric departments. Includes inpatients on short vacation. All numbers refer to the end of year.

Source: Mental Health Services, Ministry of Health.

992973 Hospital discharges: diseases of the circulatory system

Definition: See 992971 above. Chapter VII of ICD-9 or Chapter IX of ICD-10.

1990	1995	2000
81,720	123,300	128,480

Details: Include acute care hospitals.

Sources: Until 1993: Diagnostic Statistics of Hospitalizations, Central Bureau of Statistics and Ministry of Health.
Since 1994: based on “National Hospital Database”, Department of Health Information and Ministry of Health.

990951 Hospital discharges: ischemic heart disease

Definition: See 992971 above. ICD-9: 410-414 or ICD-10: I20-I25.

1990	1995	2000
38,880	55,590	54,190

Details: Include acute care hospitals.

Sources: Until 1993: Diagnostic Statistics of Hospitalizations, Central Bureau of Statistics and Ministry of Health.
Since 1994: based on “National Hospital Database”, Department of Health Information and Ministry of Health.

990952 Hospital discharges: cerebrovascular diseases

Definition: See 992971 above. ICD-9: 430-438 or ICD-10: I60-I69.

1990	1995	2000
9,450	15,790	18,250

Details: Include acute care hospitals.

Sources: Until 1993: Diagnostic Statistics of Hospitalizations, Central Bureau of Statistics and Ministry of Health.
Since 1994: based on “National Hospital Database”, Department of Health Information and Ministry of Health.

992974 Hospital discharges: diseases of the respiratory system

Definition: See 992971 above. Chapter VIII of ICD-9 or Chapter X of ICD-10

1990	1995	2000
51,070	82,980	95,280

Details: Include acute care hospitals.

Sources: Until 1993: Diagnostic Statistics of Hospitalizations, Central Bureau of Statistics and Ministry of Health.
Since 1994: based on “National Hospital Database”, Department of Health Information and Ministry of Health.

045605 Number of all cases of chronic obstructive pulmonary diseases (prevalence)

Definition: Cumulative number of patients with chronic obstructive pulmonary diseases (ICD-9: 490-496; ICD-10: J40-J47) at the end of the calendar year.

Data not available

992975 Hospital discharges: diseases of the digestive system

Definition: See 992971 above. Chapter IX of ICD-9 and chapter XI of ICD-10.

1990	1995	2000
49,360	76,680	78,250

Details: Include acute care hospitals.

Sources: Until 1993: Diagnostic Statistics of Hospitalizations, Central Bureau of Statistics and Ministry of Health.
Since 1994: based on “National Hospital Database”, Department of Health Information and Ministry of Health.

992976 Hospital discharges, musculoskeletal system and connective tissue diseases

Definition: See 992971 above. Chapter XIII of ICD-9/10.

1990	1995	2000
16,970	25,390	26,840

Sources: Until 1993: Diagnostic Statistics of Hospitalizations, Central Bureau of Statistics and Ministry of Health.
Since 1994: Based on “National Hospital Database”, Department of Health Information and Ministry of Health.

992978 Hospital discharges: injury and poisoning

Definition: See 992971 above. Chapter XVII of ICD-9 and chapter XIX of ICD-10.

1990	1995	2000
41,950	71,010	84,040

Sources: Until 1993: Diagnostic Statistics of Hospitalizations, Central Bureau of Statistics and Ministry of Health.
Since 1994: Based on “National Hospital Database”, Department of Health Information, Ministry of Health.

040102 Absenteeism from work due to illness, days per employee per year

Definition: Average number of working days lost per employee per year due to sickness or injury. Maternity leaves are not included. Data from existing sick leave registration systems.

1995	1999	2002
5.0	4.4	3.8

Source: Department of Health Information, Ministry of Health.
Based on Labour Force Surveys, Central Bureau of Statistics.

990451 Newly recognized invalidity (disability) cases

Definition: Number of persons granted invalidity (disability) status and appropriate social benefits during the given calendar year. Data from the social insurance system.

1990	1995	2002
14,672	15,809	24,442

Details: Approved claims for disability benefits from the social insurance system (aged 18 until retirement age) and the Ministry of Defense.

Source: The National Insurance Institute and the Ministry of Defense.

990452 Number of persons receiving social/disability benefits

Definition: Self-explanatory. Data from the social insurance system.

1990	1995	2002
111,964	141,602	211,478

Details: Persons receiving disability benefits from the social insurance system (aged 18 until retirement age) and the Ministry of Defense.

Source: The National Insurance Institute and the Ministry of Defense.

030201 % of disabled persons of working age engaged in regular occupational activity

Definition: Proportion of disabled persons in working age who have regular occupation. Data from the social insurance system.

1990	1999	2002
..	8.3	9.0

Details: Includes persons aged 18 and above, until retirement age.

Sources: The National Insurance Institute.