

Date last modification documentation sheet: 18-04-2012

Compared to previous version documentation sheet (23-08-2010) the following issues were adapted:

- New section on relevant policy areas added to the documentation sheet

<i>ECHIM Indicator name</i>	D) Health interventions: health services																																																																															
<i>Relevant policy areas</i>	69. Hospital day-cases as percentage of total patient population (in-patients & day-cases), selected diagnoses - Sustainable health care systems - Health system performance, quality of care, efficiency of care, patient safety - (Planning of) health care resources - Health care costs & utilization																																																																															
<i>Definition of indicator</i>	Hospital day-cases, for specific ICD-10 diagnosis groups, divided by the sum of number of in-patient discharges and the number of day-cases for the same diagnosis group. Calculated and presented for the following 25 categories of the International Shortlist for Hospital Morbidity Tabulation (ISHMT). <table border="1" data-bbox="448 734 1297 1928"> <thead> <tr> <th data-bbox="448 734 523 768">Nr</th> <th data-bbox="523 734 979 768">Description</th> <th data-bbox="979 734 1297 768">ICD-10 Codes</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 768 523 891">1</td> <td data-bbox="523 768 979 891">Total (All Causes)</td> <td data-bbox="979 768 1297 891">A00 - Z99 excluding V, W, X & Y codes and excluding healthy newborns Z38</td> </tr> <tr> <td data-bbox="448 891 523 925">2</td> <td data-bbox="523 891 979 925">Infectious and Parasitic Diseases</td> <td data-bbox="979 891 1297 925">A00 - B99</td> </tr> <tr> <td data-bbox="448 925 523 958">3</td> <td data-bbox="523 925 979 958">Neoplasms</td> <td data-bbox="979 925 1297 958">C00 - D48</td> </tr> <tr> <td data-bbox="448 958 523 1025">4</td> <td data-bbox="523 958 979 1025">Malignant Neoplasm of Colon, Rectum & Anus</td> <td data-bbox="979 958 1297 1025">C18 - 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F99</td> </tr> <tr> <td data-bbox="448 1261 523 1294">11</td> <td data-bbox="523 1261 979 1294">Dementia</td> <td data-bbox="979 1261 1297 1294">F00 - F03</td> </tr> <tr> <td data-bbox="448 1294 523 1361">12</td> <td data-bbox="523 1294 979 1361">Mental and Behavioural Disorders due to Alcohol</td> <td data-bbox="979 1294 1297 1361">F10</td> </tr> <tr> <td data-bbox="448 1361 523 1395">13</td> <td data-bbox="523 1361 979 1395">Mood [Affective] Disorders</td> <td data-bbox="979 1361 1297 1395">F30 - F39</td> </tr> <tr> <td data-bbox="448 1395 523 1429">14</td> <td data-bbox="523 1395 979 1429">Diseases of the Nervous System</td> <td data-bbox="979 1395 1297 1429">G00 - G99</td> </tr> <tr> <td data-bbox="448 1429 523 1462">15</td> <td data-bbox="523 1429 979 1462">Diseases of the Circulatory System</td> <td data-bbox="979 1429 1297 1462">I00 - I99</td> </tr> <tr> <td data-bbox="448 1462 523 1496">16</td> <td data-bbox="523 1462 979 1496">Acute Myocardial Infarction</td> <td data-bbox="979 1462 1297 1496">I21 - 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F39	14	Diseases of the Nervous System	G00 - G99	15	Diseases of the Circulatory System	I00 - I99	16	Acute Myocardial Infarction	I21 - I22	17	Cerebrovascular Disease	I60 - I69	18	Diseases of the Respiratory System	J00 - J99	19	Chronic Obstructive Pulmonary Disease and Bronchiectasis	J40 - J44, J47	20	Asthma	J45 - J46	21	Diseases of the Digestive System	K00 - K93	22	Alcoholic Liver Disease	K70	23	Diseases of the Musculoskeletal System & Connective Tissue	M00 - M99	24	Diseases of the Genitourinary System	N00 - N99	25	Injury, Poisoning & Certain Other Consequences of External Causes	S00 - T98
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<i>Calculation of the indicator</i>	The indicator is calculated as the total number of hospital day-cases from all hospitals during the given calendar year, divided by the sum of the number of hospital in-patient discharges from all hospitals and the number of hospital day-cases from all hospitals, for each of the																																																																															

	<p>diagnosis groups, during the given calendar year. The definition of hospitals (HP.1) follows the International Classification for Health Accounts– Providers of health care (ICHA-HP) of the System of Health Accounts.</p> <p>For the definition of a day case, an in-patient and a (hospital) discharge see remarks for indicators 67. Hospital in-patient discharges and 68. Hospital day-cases.</p>
<i>Relevant dimensions and subgroups</i>	<ul style="list-style-type: none"> - Calendar year - Country - Region (according to ISARE recommendations; see data availability) - Age groups: 0-64 and 65+ <p>Age group exceptions:</p> <ul style="list-style-type: none"> - dementia: no disaggregation according to age (not relevant for population below 65) - asthma: 0-14 and 15+ (similar to asthma incidence indicator: nr 26; hospital admissions for asthma in particular relevant in children) - injury and poisoning & certain other consequences of external causes: 0-14, 15-24, 25-64, and 65+ (similar to injury incidence indicators: nr 29, 30 and 31; injuries are an important cause of burden of disease particularly in children and young adults).
<i>Preferred data type and data source(s)</i>	<p>Preferred data type:</p> <ul style="list-style-type: none"> - Registers (administrative data sources, national hospital discharge registers) <p>Preferred source:</p> <ul style="list-style-type: none"> - Eurostat
<i>Data availability</i>	<p>This indicator is not readily available and needs to be calculated from the absolute numbers available in Eurostat for in-patient discharges by ISHMT code and hospital day case by ISHMT code (indicator 67. Hospital in-patient discharges and 68. Hospital day-cases). For both indicators data are not age-standardized but data are available for 5 year age groups and for total population.</p>
<i>Data periodicity</i>	<p>See indicator 67. Hospital in-patient discharges and 68. Hospital day-cases.</p>
<i>Rationale</i>	<p>Hospital day-cases as percentage of total patient population provides information on the situation and evolution of this mode of production in health care sector. By combining the information on hospital in-patient discharges and day cases, it provides extra insight in issues of quality of care, costs and efficiency.</p>
<i>Remarks</i>	<ul style="list-style-type: none"> - ECHIM does not require disaggregation of this indicator by sex, and only by two age groups (0-64 and 65+) to reduce the number of operationalisations. - See indicators 67. Hospital in-patient discharges and 68. Hospital day-cases for remarks on age standardization, availability of data by age, definitions of (hospital) discharge, day case, in-patient, discharges by diagnosis and total hospital beds, and on data sets and joint data collection.
<i>References</i>	<p>See indicator 67. Hospital in-patient discharges and 68. Hospital day-cases for references</p>
<i>Work to do</i>	<p>See remarks for See indicator 67. Hospital in-patient discharges and 68. Hospital day-cases on age standardization and availability of data by age.</p>