**CO07:** Frequency of hospitalized for a condition

Returns the distribution of number of times a person has been hospitalized where a certain condition was reported.

**Sample query:**

SELECT

number\_of\_hospitlizations,

count(\*) AS persons\_freq

FROM (

SELECT

person\_id,

COUNT(\*) AS number\_of\_hospitlizations

FROM (

SELECT distinct

condition\_era\_id,

era.person\_id

FROM (

SELECT

condition\_start\_date,

condition\_end\_date,

from\_cond.person\_id

FROM (

SELECT

visit\_occurrence\_id,

condition\_start\_date,

condition\_end\_date,

person\_id

FROM condition\_occurrence

WHERE

condition\_concept\_id=31967 AND

visit\_occurrence\_id IS NOT NULL

) AS FROM\_cond

JOIN visit\_occurrence AS FROM\_visit

ON FROM\_cond.visit\_occurrence\_id=FROM\_visit.visit\_occurrence\_id

JOIN care\_site cs on from\_visit.care\_site\_id=cs.care\_site\_id

where place\_of\_service\_concept\_id=8717

) AS occurr,

(

SELECT

condition\_era\_id,

person\_id,

condition\_era\_start\_date,

condition\_era\_end\_date

FROM condition\_era

WHERE condition\_concept\_id=31967

) AS era

WHERE

era.person\_id=occurr.person\_id AND

era.condition\_era\_start\_date <= occurr.condition\_end\_date AND

(era.condition\_era\_end\_date IS NULL OR era.condition\_era\_end\_date >= occurr.condition\_start\_date)

)

GROUP BY person\_id

ORDER BY number\_of\_hospitlizations desc

)

GROUP BY number\_of\_hospitlizations

ORDER BY persons\_freq desc

;

**Input:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Example** | **Mandatory** | **Notes** |
| condition\_concept\_id | 31967 | Yes | Condition concept identifier for 'Nausea' |

**Output:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| number\_of\_hospitlizations | Number of times a person was reported to be hospitalized with a certain condition. |
| persons\_freq | Number of persons which were reported to have a certain number of hospilizations with a certain condition. |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| number\_of\_hospitlizations | 2 |
| persons\_freq | 177 |