**CO08:** Duration of hospitalization for a conditions

Returns the the average length in days of all hospitalizations where a certain condition was reported

**Sample query:**

SELECT

avg(hosp\_no\_days) AS average\_hosp\_duration\_count

FROM (

SELECT DISTINCT

hosp\_no\_days,

person\_id,

from\_visit.visit\_occurrence\_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 (

SELECT

DATEDIFF(DAY, visit\_start\_date, visit\_end\_date) + 1 AS hosp\_no\_days,

visit\_start\_date,

visit\_occurrence\_id,

place\_of\_service\_concept\_id

FROM visit\_occurrence v

JOIN care\_site c on v.care\_site\_id=c.care\_site\_id

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

) AS from\_visit

ON from\_cond.visit\_occurrence\_id = from\_visit.visit\_occurrence\_id );

**Input:**

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

**Output:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| average\_hosp\_duration\_count | Average length in days of all hospitalization where a certain condition was reported. +1 was added for partial days (e.g. 1.5 days were counted as 2 days). |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| average\_hosp\_duration\_count | 7 |