**CO09:** Is a condition seasonal, alergies for example

Returns the distribution of condition occurrence per season in the northern hemisphere, defined in the following way:

|  |  |
| --- | --- |
| Spring | March 21 - June 21 |
| Summer | June 22 - September 22 |
| Fall | September 23 - December 21 |
| Winter | December 22 - March 20 |

**Sample query:**

SELECT season, COUNT(\*) as season\_freq

FROM (

SELECT CASE

WHEN (daymonth>0320

AND daymonth<=0621) THEN 'Spring' WHEN (daymonth>0621

AND daymonth<=0922) THEN 'Summer' WHEN (daymonth>0922

AND daymonth<=1221) THEN 'Fall' WHEN (daymonth>1221

OR (daymonth>0000

AND daymonth<=0520)) THEN 'Winter' ELSE 'Unknown' end AS season

FROM (

SELECT cast(substring(condition\_start\_date

from 6 for 2)|| substring(condition\_start\_date

from 9 for 2) as int) AS daymonth,condition\_start\_date

FROM condition\_occurrence

WHERE condition\_concept\_id = 31967 ) ) AS condition\_season

GROUP BY season

ORDER BY season\_freq;

**Input:**

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

**Output:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| season | Season as defined in the northern hemisphere. |
| season\_freq | Frequency of condition occurrence in the season. |

**Sample output record:**

|  |  |
| --- | --- |
| **Field** | **Description** |
| season | Summer |
| season\_freq | 62924 |