CE05: Conditions that are seasonally dependent

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| This query is used to count conditions (condition\_concept\_id) across all condition era records stratified by year, age group and gender (gender\_concept\_id). The age groups are calculated as 10 year age bands from the age of a person at the condition era start date. The input to the query is a value (or a comma-separated list of values) of a condition\_concept\_id , year, age\_group (10 year age band) and gender\_concept\_id. If the input is ommitted, all existing value combinations are summarized..  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | condition\_concept\_id |  |  |  |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**  SELECT season, count(\*) AS cases  FROM /\* Extrinsic Asthma/season \*/  ( SELECT CASE  WHEN condition\_era\_start\_date  BETWEEN to\_date( '01-01-2017', 'DD-MM-YYYY' ) AND to\_date( '21-03-2017', 'DD-MM-YYYY' )  THEN 'Winter'  WHEN condition\_era\_start\_date  BETWEEN to\_date( '22-03-2017', 'DD-MM-YYYY' ) AND to\_date( '21-06-2017', 'DD-MM-YYYY' )  THEN 'Spring'  WHEN condition\_era\_start\_date  BETWEEN to\_date( '22-06-2017', 'DD-MM-YYYY' ) AND to\_date( '21-09-2017', 'DD-MM-YYYY' )  THEN 'Summer'  WHEN condition\_era\_start\_date  BETWEEN to\_date( '22-09-2017', 'DD-MM-YYYY' ) AND to\_date( '21-12-2017', 'DD-MM-YYYY' )  THEN 'Fall'  WHEN condition\_era\_start\_date  BETWEEN to\_date( '22-12-2017', 'DD-MM-YYYY' ) AND to\_date( '31-12-2017', 'DD-MM-YYYY' )  THEN 'Winter'  END AS season  FROM condition\_era  JOIN /\* Extrinsic Asthma ICD-9 493.\* Get associated SNOMed codes  with their 12endents \*/  (  -- descendant standard concept id for asthma  SELECT DISTINCT ca.descendant\_concept\_id AS snomed\_asthma  FROM concept\_ancestor ca  JOIN  (SELECT c2.concept\_id FROM concept c1  JOIN concept\_relationship cr ON c1.concept\_id = cr.concept\_id\_1  AND cr.relationship\_id = 'Maps to'  JOIN concept c2 ON cr.concept\_id\_2 = c2.concept\_id  WHERE c1.concept\_code LIKE '493.0%') t -- standard concept id for asthma  ON ca.ancestor\_concept\_id = t.concept\_id)  ON snomed\_asthma = condition\_concept\_id  ) GROUP BY season;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | season |  | | cases |  |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | season |  | | cases |  | |