DEX15: Number of persons taking a given drug having at least a 180 day period prior and a 365 day follow-up period

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| **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | concept\_id | 21502747 | Yes | Statins | |  |  |  |  | |  |  |  |  |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**.  SELECT  floor( ( observation\_period\_end\_date - index\_date ) / 365 ) AS follow\_up\_years,  count(\*) AS persons FROM /\* statin users with 180 clean period and at least 1 year follow up period \*/  (  SELECT person\_id, index\_date , observation\_period\_start\_date , observation\_period\_end\_date  FROM /\*statin user start\_date \*/  (  SELECT  person\_id,  min( drug\_exposure\_start\_date ) AS index\_date  FROM drug\_exposure statin  WHERE drug\_concept\_id IN /\*statins \*/  (  SELECT concept\_id  FROM concept  JOIN concept\_ancestor ON descendant\_concept\_id = concept\_id  WHERE ancestor\_concept\_id = **21502747**  --AND vocabulary\_id = 8  AND vocabulary\_id = 'RxNorm'  AND standard\_concept = 'S'  AND sysdate BETWEEN valid\_start\_date AND valid\_end\_date ) GROUP BY person\_id )  JOIN observation\_period USING( person\_id )  WHERE observation\_period\_start\_date + **180** < index\_date AND observation\_period\_end\_date > index\_date + 365  )  GROUP BY floor( ( observation\_period\_end\_date - index\_date ) / **365** )  ORDER BY 1;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | concept\_name | An unambiguous, meaningful and descriptive name for the concept. | | person\_id | A foreign key identifier to the person for whom the observation period is defined. The demographic details of that person are stored in the person table. | | ancestor\_concept\_id | A foreign key to the concept code in the concept table for the higher-level concept that forms the ancestor in the relationship. | | descendant\_concept\_id | A foreign key to the concept code in the concept table for the lower-level concept that forms the descendant in the relationship. | | observation\_period\_start\_date | The start date of the observation period for which data are available from the data source. | | observation\_period\_end\_date | The end date of the observation period for which data are available from the data source. |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | concept\_name |  | | person\_id |  | | ancestor\_concept\_id |  | | descendant\_concept\_id |  | | observation\_period\_start\_date |  | | observation\_period\_end\_date |  | |