DEX08: Maximum number of distinct drugs per person over some time period

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| This query is to determine the maximum number of distinct drugs a patient is exposed to during a certain time period. If the time period is omitted, the entire time span of the database is considered. See [vocabulary queries](http://vocabqueries.omop.org/drug-queries) for obtaining valid drug\_concept\_id values.  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | date from | 01-Jan-2008 | Yes |  | | date to | 31-Dec-2008 | Yes |  |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**.  select max(drugs) as drugs\_count from  (SELECT  COUNT( DISTINCT drug\_concept\_id) drugs  FROM drug\_exposure JOIN person  ON drug\_exposure.person\_id = person.person\_id  WHERE  drug\_concept\_id in (select distinct concept\_id from concept  WHERE lower(domain\_id)='drug' and vocabulary\_id='RxNorm' and standard\_concept='S')  AND drug\_exposure\_start\_date BETWEEN **'2017-01-01'** AND **'2017-12-31'**  GROUP BY drug\_exposure.person\_id);  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | drugs\_count | The maximum number of distinct drugs a patient is exposed to during the time period |   Sample output record:   |  |  | | --- | --- | | **Field** | **Content** | | drugs\_count | 141 | |