DEX04: Distribution of gender in persons taking a drug

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| This query is used to obtain the gender distribution of persons exposed to a certain drug (drug\_concept\_id). The input to the query is a value (or a comma-separated list of values) of a drug\_concept\_id. See [vocabulary queries](http://vocabqueries.omop.org/drug-queries) for obtaining valid drug\_concept\_id values. If the input is omitted, all drugs in the data table are summarized.  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | list of drug\_concept\_id | 40165254, 40165258 | No | Crestor 20 and 40 mg tablets |   **Sample query run:** The following is a sample run of the query. The input parameters are highlighted in **blue**.  select drug.concept\_name as drug\_name,  drug\_concept\_id,  gender.concept\_name as gender,  count(1) as num\_persons  From  drug\_exposure JOIN person USING( person\_id )  join concept drug ON drug.concept\_id = drug\_concept\_id  JOIN concept gender ON gender.concept\_id = gender\_concept\_id  where drug\_concept\_id IN ( **40165254**, **40165258** )  GROUP by drug.concept\_name, drug\_concept\_id, gender.concept\_name  ORDER BY drug\_name, drug\_concept\_id, gender;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | drug\_name | An unambiguous, meaningful and descriptive name for the drug concept. | | drug\_concept\_id | A foreign key that refers to a standard concept identifier in the vocabulary for the drug concept. | | gender | The gender of the counted persons exposed to drug. | | num\_persons | The number of persons of a particular gender exposed to drug. |   Sample output record:   |  |  | | --- | --- | | **Field** | **Content** | | drug\_name | Rosuvastatin calcium 20 MG Oral Tablet [Crestor] | | drug\_concept\_id | 40165254 | | gender | FEMALE | | num\_persons | 12590 | |