DEX12: Distribution of forms used for a given ingredient

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| This query determines the percent distribution of forms of drug products containing a given ingredient. See [vocabulary queries](http://vocabqueries.omop.org/drug-queries) for obtaining valid drug\_concept\_id values.  **Input:**   |  |  |  |  | | --- | --- | --- | --- | | **Parameter** | **Example** | **Mandatory** | **Notes** | | ingredient.concept\_id | 1125315 | Yes | Acetaminophen |   **Sample query run:** The following is a sample run of the query. The input parameter is highlighted in **blue**.  SELECT tt.form\_name,  (100.00 \* tt.part\_form / tt.total\_forms) as percent\_forms  FROM (  SELECT  t.form\_name,  t.cn part\_form,  SUM(t.cn) OVER() total\_forms  FROM (  select  count(1) as cn,  drugform.concept\_name form\_name  FROM concept ingredient,  concept\_ancestor a,  concept drug,  concept\_relationship r,  concept drugform  WHERE ingredient.concept\_id = **1125315** --Acetaminophen  AND ingredient.concept\_class\_id = 'Ingredient'  AND ingredient.concept\_id = a.ancestor\_concept\_id  AND a.descendant\_concept\_id = drug.concept\_id  --AND drug.concept\_level = 1 --ensure it is drug product  ANd drug.standard\_concept='S'  AND drug.concept\_id = r.concept\_id\_1  AND r.concept\_id\_2 = drugform.concept\_id  AND drugform.concept\_class\_id = 'Dose Form'  GROUP BY drugform.concept\_name  ) t  WHERE t.cn>0 --don't count forms that exist but are not used in the data  ) tt  WHERE tt.total\_forms > 0 --avoid division by 0  ORDER BY percent\_forms desc;  **Output:** Output field list:   |  |  | | --- | --- | | **Field** | **Description** | | form\_name | The concept name of the dose form | | percent\_forms | The percent of forms drug products have containing the ingredient |   Sample output record:   |  |  | | --- | --- | | **Field** | **Description** | | form\_name | Oral Tablet | | percent\_forms | 95.69 | |