

# Condition Occurrence Concept Distribution

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```
library(polyesterData)
library(ggplot2)
library(pg13)
```

This vignette is profiling the frequency of drugs in the Drug Exposures Table based on RxNorm Ingredient and ATC Class. The Drug Exposures table is joined to the Concept Ancestor and Concept tables to derive the RxNorm Ingredients as well as the ATC 2nd Concept Class that the drug records belong to.

```
staging_table <- pg13::write_staging_table(conn = conn, schema = "patelm9", drop_on_exit = FALSE,
  data = CONDITION_OCCURRENCE)

output <- pg13::query(conn = conn, sql_statement = SqlRender::render("
  SELECT c.concept_name AS condition
  FROM patelm9.@staging_table con
  LEFT JOIN omop_vocabulary.concept c
  ON con.condition_concept_id = c.concept_id
  ;",
  staging_table = staging_table))

pg13::drop_all_staging_tables(conn = conn, schema = "patelm9")
```

### Condition Record Frequencies

