

PENNANT STUDENT RECORDS data collection in the Data Warehouse

Training and resources

Using PRESENT_PERIOD to find the current term

... and other academic terms.

The warehouse table DWADMIN.PRESENT_PERIOD contains exactly one row. Its purpose is to tell us where we are in time for a variety of data collections. It answers things like "what fiscal year are we in?" and "what calendar month are we in?"

For users of Penn's student data collections, DWADMIN.PRESENT_PERIOD is useful for easily identifying "what is the current academic term?" The table also has columns for the next upcoming academic term, the term that follows the next term, the previous academic term and the term that preceded that.

To use this table, join to whichever academic term you need.

For example, if you want your query to look for records in the current term, you will want to include:

WHERE {column for the term in your table} = PRESENT_PERIOD.CURRENT_ACADEMIC_TERM

The academic terms in the PRESENT_PERIOD table will change as soon as the source student system indicates we have switched over to a new term. The source table is maintained by the Office of the University Registrar.

Longitudinal Reporting

We do not have a cross-walk of SRS-format to Banner-format. If you need to join tables that use the new format with a dataset containing terms in the old format, you will need to do the translation yourself.

Spring Terms: in legacy (SRS) use the year + 'A' in Pennant (Banner) use the year + '10'

Summer Terms: in legacy (SRS) use the year + 'B' in Pennant (Banner) use the year + '20'

Fall Terms: in legacy (SRS) use the year + 'C' in Pennant (Banner) use the year + '30'

Transition from SRS to Banner

Starting in Summer 2022, PRESENT_PERIOD has been sourced from Banner. The academic terms are in Banner format (terms end in 10, 20, 30 instead of A, B, C):

| 202220 | 202230 | 202210 | 202310 | 202130 | 202120 |
|------------------|---------------|--------------------|--------------------|-------------------|----------------|
| TERM | TERM | TERM | TERM | ACAD TERM | LAST YEAR |
| CURRENT_ACADEMIC | NEXT_ACADEMIC | PREVIOUS_ACADEMIC_ | NEXT_NEXT_ACADEMIC | PREVIOUS_PREVIOUS | SAME_ACAD_TERM |

- 1) The column named BANNER_TERM was put into the PRESENT_PERIOD table to assist with the transition from the legacy system to the new system. From Summer 2022 and going forward, the value in BANNER_TERM will be the same as the value in CURRENT_ACADEMIC_TERM.
- 2) The data in PRESENT_PERIOD come from a cross-walk rules table: DWNGSS.XWALK_GTVSDAX If you want to use this table (instead of PRESENT_PERIOD) you can, but you will need to join from the term in your source table to the value associated with the term that you want to use.

For example, to get the next academic term, you would do something like the following:

```
WHERE {column for the term in your table} = XWALK_GTVSDAX.GTVSDAX_EXTERNAL_CODE AND XWALK GTVSDAX.GTVSDAX INTERNAL CODE = 'UP NEXTRM'
```

The available academic terms in XWALK_GTVSDAX are:

| GTVSDAX_INTERNAL_CODE_GROUP | GTVSDAX_INTERNAL_CODE | GTVSDAX_DESC |
|-----------------------------|-----------------------|--------------------------------|
| ACADEMIC TERM | UP_CURTRM | Current Academic Term |
| ACADEMIC TERM | UP_HSGTRM | Current Term for Housing |
| ACADEMIC TERM | UP_NEXTRM | Next Academic Term |
| ACADEMIC TERM | UP_NXNXTRM | Next Next Academic Term |
| ACADEMIC TERM | UP_PRPRTRM | Previous previous Academic Ter |
| ACADEMIC TERM | UP_PRVTRM | Previous Academic Term |
| ACADEMIC TERM | UP_PRYRTRM | Equiv term in previous year |

There is nothing wrong with querying DWNGSS.XWALK_GTVSDAX, but you will probably find DWADMIN.PRESENT_PERIOD to be easier to use. Users of the Pennant Student Records data collection have access to both.