To get a listing of which users are logged in and the database they have opened:

psql template1

SELECT * FROM pg_stat_activity;

To determine the size of a database:

On AWIPS OB8.1 and OB8.2 systems (using posgtres Version 7.4):

- cd to the /data/db directory
- determine which partition the database resides in
- cd into that partition
- determine which directory corresponds to the database
        - directory names are of the form "1234567"
        - the query "select oid,datname from pg_database;" will show the database name
                and the corresponding directory name
- "du –sk" on the directory to get the size in Kbytes

Note that the directories under /data/db can be accessed only by user = postgres.

On OB8.3 systems (using postgres Version 8.2.6), the following simple SQL can be used

psql db_name -- db_name can be any database

SELECT pg_database.datname,
pg_size_pretty(pg_database_size(pg_database.datname)) AS size
FROM pg_database;

To determine the number of records in each public table in a database:

In Informix, this information is available in the systables table. In PostgreSQL, this
information is not available in a system table because keeping accurate numbers is
difficult due to the use of MVCC. The only accurate way to get this information is to do
a "select count(*) from table_name;".

To determine which views are used by a table

If the user drops a table, all views which use columns from the table are also dropped.
The following SQL will show which views are used by a table:

```
psql  -U  pguser  hd_ob7xxx
```

```
select view_name  from information_schema.view_table_usage
where  table_name='table_name';
```

The SQL above uses a set of views known as the "information schema".   These views contain system information similar to Informix's system tables. See Chapter 32 of the postgres documentation for more information.