Patient characteristics
- Demographics: age, sex, type of insurance coverage, diagnosis
- Health status: previous psychiatric hospitalization, insomnia, number of sub-diagnosis, elixhauser comorbidity measures

System characteristics
- Hospital type, size, ownership, teaching, location, bed occupancy rate, RN proportion

System behaviors
- Nurse staffing level
  - RN-to-inpatient ratio
  - RN-to-adj. inpatient ratio
  - Nursing staff-to-adj. inpatient ratio

Health outcomes
- Length of stay
- Readmission within 30 days
- Psychiatric emergency treatment
- Use of injected psycholeptics for chemical restraint
- Hypnotics use

Adj.=Adjusted; Nursing staff=Total of registered nurses and nurse assistants; RN=Registered nurse.