



The Home Health and Hospice Care Nurse Staffing Study (HHHCNSS) assesses nurse staffing and related issues in home health and hospice agencies. In 2017, the Texas Center for Nursing Workforce Studies (TCNWS) administered the HHHCNSS to 925 Texas home health and hospice agencies with a patient census of at least 250. Respondents provided data for 222 agencies for a response rate of 24.0%. These agencies were representative of Texas home health and hospice agencies by region, patient census, and agency type.

This report provides information on survey response rates by region, geographic designation, patient census, and agency type, as well as RNs serving on agency boards.

Response Rate

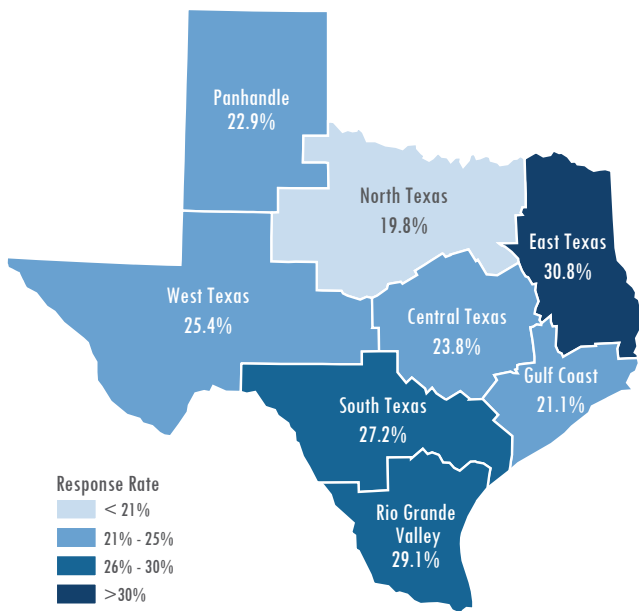
Response Rates by Region and Geographic Designation

- The overall response rate for 2017 was 24.0%, which was a decrease from the 2015 response rate of 33.0% (for agencies with a patient census of 250 or greater).
- Response rates ranged from 19.8% in North Texas to 30.8% in East Texas (see Figure 1 and Table 1).
- Agencies were representative of the agency population by region.¹

Table 1. Response rate by region

Region	Number of Agencies (Percentage of Agencies)	Number of Agencies in Population	Response Rate
Central Texas	19 (8.6%)	80	23.8%
East Texas	24 (10.8%)	78	30.8%
Gulf Coast	42 (18.9%)	199	21.1%
North Texas	46 (20.7%)	232	19.8%
Panhandle	8 (3.6%)	35	22.9%
Rio Grande Valley	37 (16.7%)	127	29.1%
South Texas	28 (12.6%)	103	27.2%
West Texas	18 (8.1%)	71	25.4%

Figure 1. Response rate by region (n=222)



- 148 of 222 agencies (66.7%) were located in metropolitan, non-border counties, while only 4 of 222 agencies (1.8%) were from non-metropolitan, border counties (Table 2).
- Results could not be generalized to the agency population by geographic designation.²

¹ ($\chi^2(7, N = 222) = 5.8, p = 0.6$)

² Due to an assumption violation, the chi-square test results were invalid (an expected cell frequency was less than 5).

Table 2. Response rate by geographic designation

Geographic Designation	Number of Agencies (Percentage of Agencies)	Number of Agencies in Population	Response Rate
Metro Border	40 (18.0%)	135	29.6%
Metro Non-Border	148 (66.7%)	681	21.7%
Non-Metro Border	4 (1.8%)	8	50.0%
Non-Metro Non-Border	30 (13.5%)	101	29.7%

