**Supplementary Table 1. Urban and rural distribution of base sample and ALS patients.**

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| --- | --- | --- | --- | --- |
|  | **MarketScan** |  | **IDV** |  |
| **Location** | **Base Sample\*** | **ALS Cases** | **Base Sample\*** | **ALS Cases** |
| Total number | 100M | 7,316 | 270M | 35,208 |
| Urban/Suburban | 66M (65.7%) | 4,573 (62.5%) | 259M (95.8%) | 33,691 (95.7%) |
| Rural | 10M (10.2%) | 761 (10.4%) | 10M (3.9%) | 1,457 (4.1%) |
| Data absent | 24M (24.1%) | 1,982 (27.1%) | 1M (0.3%) | 60 (0.2%) |
| Note.—Data are number of patients with percentages in parentheses.  |
| M = million; ALS = amyotrophic lateral sclerosis; MarketScan = IBM MarketScan Research Database; IDV = Symphony Health Integrated DataVerse |
| \*Base sample refers to all patients in the database with or without ALS |