

**MD-PPAS File Layout V2.4 (2018-2020)**  
**03/01/2023**

| Variable Name                           | Description   | Data Source  | Input Column | Length |
|---|---|--------------|--------------|--------|
| <b>ID variables</b>                     |   |              |              |        |
| npi                                     | National provider identifier (NPI) (encrypted)  | Claims       | 1            | 10     |
| <b>Demographic variables</b>            |   |              |              |        |
| sex                                     | 1=Male; 2=Female  | NPPES        | 91           | 1      |
| birth_yr                                | Birth year  | PECOS        | 92           | 4      |
| <b>Specialty variables</b>              |   |              |              |        |
| spec_broad                              | Broad specialty based on spec_prim_1<br>1 = Primary care<br>2 = Medical specialty<br>3 = Surgical specialty<br>4 = Obstetrics/gynecology with no primary care specialty.<br>5 = Hospital-based specialty (includes designated hospitalists)<br>6 = Psychiatry<br>7 = Non-physician<br>9 = Specialty Unknown | PECOS        | 100          | 2      |
| spec_prim_1                             | Primary specialty (the most recently reported in PECOS)   | PECOS/claims | 102          | 2      |
| spec_prim_1_name                        | Name of primary specialty   |              | 104          | 38     |
| spec_prim_2                             | Concurrently reported primary specialty   | PECOS/claims | 142          | 2      |
| spec_prim_2_name                        | Name of concurrently reported primary specialty   |              | 144          | 38     |
| spec_source                             | Source data for specialty<br>1=PECOS<br>2=claims  | PECOS/claims | 182          | 1      |
| spec_source_hosp                        | Source data for hospitalist specialty designation<br>1=PECOS<br>2=claims  | PECOS/claims | 183          | 1      |
| <b>Place of service (POS) variables</b> |   |              |              |        |
| pos_office                              | % of line items delivered in office   | Claims       | 184          | 12.8   |
| pos_inpat                               | % of line items delivered in inpatient hospital   | Claims       | 196          | 12.8   |
| pos_opd                                 | % of line items delivered in hospital outpatient department (OPD)   | Claims       | 208          | 12.8   |
| pos_er                                  | % of line items delivered in emergency room (ER)  | Claims       | 220          | 12.8   |
| pos_nursing                             | % of line items delivered in nursing facility or skilled nursing facility   | Claims       | 232          | 12.8   |
| pos_asc                                 | % of line items delivered in ambulatory surgery center (ASC)  | Claims       | 244          | 12.8   |
| pos_resid                               | % of line items delivered in the patient's residence (i.e., home, assisted living facility, custodial care facility, or group home)   | Claims       | 256          | 12.8   |

| Variable Name                       | Description   | Data Source | Input Column | Length |
|-------------------------------------|---|-------------|--------------|--------|
| pos_retail                          | % of line items delivered in retail clinics   | Claims      | 268          | 12.8   |
| pos_urgent                          | % of line items delivered in urgent care centers  | Claims      | 280          | 12.8   |
| pos_other                           | % of line items delivered in other places of service  | Claims      | 292          | 12.8   |
| <b>Geographic location</b>          |   |             |              |        |
| state                               | State abbreviation with the most line items for that NPI<br>99=missing  | Claims      | 304          | 2      |
| state_multi                         | Multiple state indicator (1=multiple states; 0=single state)  | Claims      | 306          | 1      |
| cbsa_type                           | Type of CBSA for physician<br>1=Metropolitan area<br>2=Microopolitan area<br>3=non-CBSA<br>9=missing CBSA code  | Claims      | 307          | 1      |
| cbsa_cd                             | CBSA code with the most allowed line items for that NPI<br>00000=non-CBSA<br>99999=missing CBSA code  | Claims      | 308          | 5      |
| cbsa_name                           | CBSA name   | Claims      | 313          | 50     |
| cbsa_multi                          | Multiple CBSA indicator (1=multiple CBSAs; 0=single CBSA)   | Claims      | 363          | 1      |
| <b>Utilization summary measures</b> |   |             |              |        |
| npi_srvc_lines                      | Count of line items billed by NPI   | Claims      | 364          | 15     |
| npi_allowed_amt                     | Total allowed charges billed by NPI   | Claims      | 379          | 15.2   |
| npi_unq_benes                       | Number of unique beneficiaries for whom the NPI billed  | Claims      | 394          | 15     |
| <b>TIN1 variables</b>               |   |             |              |        |
| tin1                                | Tax identification number (TIN1) with the most service lines<br>(encrypted)   | Claims      | 409          | 10     |
| tin1_srvc_month                     | Twelve monthly flags for whether the NPI billed for any services under TIN1. Position 1 pertains to January; position 12 to December.<br>1= billed<br>0= did not bill | Claims      | 488          | 12     |
| tin1_srvc_lines                     | Count of line items billed under TIN1   | Claims      | 500          | 15     |
| tin1_allowed_amt                    | Total allowed charges billed under TIN1   | Claims      | 515          | 15.2   |
| tin1_unq_benes                      | Number of unique beneficiaries for whom the NPI billed under TIN1   | Claims      | 530          | 15     |
| <b>TIN2 variables</b>               |   |             |              |        |
| tin2                                | Tax identification number (TIN2) with the most service lines<br>(encrypted)   | Claims      | 545          | 10     |
| tin2_srvc_month                     | Twelve monthly flags for whether the NPI billed for any services under TIN2. Position 1 pertains to January; position 12 to December.<br>1= billed<br>0= did not bill | Claims      | 624          | 12     |

| <b>Variable Name</b> | <b>Description</b>  | <b>Data Source</b> | <b>Input Column</b> | <b>Length</b> |
|----------------------|---|--------------------|---------------------|---------------|
| tin2_srvc_lines      | Count of line items billed under TIN2                             | Claims             | 636                 | 15            |
| tin2_allowed_amt     | Total allowed charges billed under TIN2                           | Claims             | 651                 | 15.2          |
| tin2_unq_benes       | Number of unique beneficiaries for whom the NPI billed under TIN2 | Claims             | 666                 | 15            |