**How to do TRANSPOSE for POS (Place Of Service) in SAS ?**

1. Raw data:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NPI | LICENSE\_NUM | VENDOR\_ID | POS\_ID | POS\_Add |
| 10001 | G47AAA | 16110385 | 12124653 | ALAMEDA HOSPITAL SUBACUTE-SNF, ALAMEDA, CA |
| 10001 | G47AAA | 16110385 | 124107906 | EDEN MEDICAL CENTER, CASTRO VALLEY, CA |
| 10001 | G47AAA | 16110385 | 124107980 | THE HOSPITAL COMMITTEE FOR THE VALLEY MEMORIAL, PLEASANTON, CA |
| 10001 | G47AAA | 16110385 | 124109544 | ST ROSE HOSPITAL, HAYWARD, CA |
| 10001 | G47AAA | 16110385 | 124110096 | GENERAL VASCULAR SURGERY MEDICAL GROUP - SAN LEANDRO, SAN LEANDRO, CA |
| 10001 | G47AAA | 16110385 | 124110149 | MPI TREATMENT SERVICES - ALTA BATES SUMMIT MEDICAL CENTER, OAKLAND, CA |
| 10001 | G47AAA | 16110385 | 124110345 | CARDIOVASCULAR CONSULTANTS - SAN RAMON, SAN RAMON, CA |
| 10001 | G47AAA | 161362 | 124111122 | THE PERMANENTE MEDICAL GROUP - SANTA CLARA CNTY, SANTA CLARA, CA |
| 10001 | G47AAA | 161363 | 124111123 | THE PERMANENTE MEDICAL GROUP - ALAMEDA-CONTRA COSTA CNTY -, RICHMOND, CA |
| 10001 | G47AAA | 161364 | 124111121 | THE PERMANENTE MEDICAL GROUP - SOLANO-MARIN-NAPA CNTY, VALLEJO, CA |
| 10001 | G47AAA | 161365 | 124111124 | THE PERMANENTE MEDICAL GROUP - SAN JOAQUIN-SACRAMENTO-FRESNOO-SONONMA COUNTY, STOCKTON, CA |
| 10001 | G47AAA | 161366 | 124111125 | THE PERMANENTE MEDICAL GROUP - SAN MATEO CNTY, REDWOOD CITY, CA |
| 10001 | G47AAA | 161367 | 124111126 | THE PERMANENTE MEDICAL GROUP - SAN FRANCISCO CNTY, SAN FRANCISCO, CA |
| 10001 | G47AAA | 161629 | 12124653 | ALAMEDA HOSPITAL SUBACUTE-SNF, ALAMEDA, CA |
| 10001 | G47AAA | 161629 | 124107906 | EDEN MEDICAL CENTER, CASTRO VALLEY, CA |
| 10001 | G47AAA | 161629 | 124107980 | THE HOSPITAL COMMITTEE FOR THE VALLEY MEMORIAL, PLEASANTON, CA |
| 10001 | G47AAA | 161629 | 124109544 | ST ROSE HOSPITAL, HAYWARD, CA |
| 10001 | G47AAA | 161629 | 124110096 | GENERAL VASCULAR SURGERY MEDICAL GROUP - SAN LEANDRO, SAN LEANDRO, CA |
| 10001 | G47AAA | 161629 | 124110149 | MPI TREATMENT SERVICES - ALTA BATES SUMMIT MEDICAL CENTER, OAKLAND, CA |
| 10001 | G47AAA | 161629 | 124110345 | CARDIOVASCULAR CONSULTANTS - SAN RAMON, SAN RAMON, CA |

1. I ran this code:

**PROC** **TRANSPOSE** DATA=Tap\_POS OUT=new\_POS (drop=\_name\_);

 By NPI LICENSE\_NUM VENDOR\_ID;

 ID POS\_ID;

 VAR POS\_Add;

**RUN**;

1. I got this result. The PLACE OF SERVER for Vendor 161362 and a few others are on the far right on their record rows and difficult to identify.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NPI** | **LICENSE\_NUM** | **VENDOR\_ID** | **12124653** | **124107906** | **124107980** | **124109544** | **124110096** | **124110149** | **124110345** | **124111122** | **124111123** | **124111121** | **124111124** | **124111125** | **124111126** |
| 10001 | G47AAA | 16110385 | ALAMEDA HOSPITAL SUBACUTE-SNF, ALAMEDA, CA | EDEN MEDICAL CENTER, CASTRO VALLEY, CA | THE HOSPITAL COMMITTEE FOR THE VALLEY MEMORIAL, PLEASANTON, CA | ST ROSE HOSPITAL, HAYWARD, CA | GENERAL VASCULAR SURGERY MEDICAL GROUP - SAN LEANDRO, SAN LEANDRO, CA | MPI TREATMENT SERVICES - ALTA BATES SUMMIT MEDICAL CENTER, OAKLAND, CA | CARDIOVASCULAR CONSULTANTS - SAN RAMON, SAN RAMON, CA |   |   |   |   |   |   |
| 10001 | G47AAA | 161362 |   |   |   |   |   |   |   | THE PERMANENTE MEDICAL GROUP - SANTA CLARA CNTY, SANTA CLARA, CA |   |   |   |   |   |
| 10001 | G47AAA | 161363 |   |   |   |   |   |   |   |   | THE PERMANENTE MEDICAL GROUP - ALAMEDA-CONTRA COSTA CNTY -, RICHMOND, CA |   |   |   |   |
| 10001 | G47AAA | 161364 |   |   |   |   |   |   |   |   |   | THE PERMANENTE MEDICAL GROUP - SOLANO-MARIN-NAPA CNTY, VALLEJO, CA |   |   |   |
| 10001 | G47AAA | 161365 |   |   |   |   |   |   |   |   |   |   | THE PERMANENTE MEDICAL GROUP - SAN JOAQUIN-SACRAMENTO-FRESNOO-SONONMA COUNTY, STOCKTON, CA |   |   |
| 10001 | G47AAA | 161366 |   |   |   |   |   |   |   |   |   |   |   | THE PERMANENTE MEDICAL GROUP - SAN MATEO CNTY, REDWOOD CITY, CA |   |
| 10001 | G47AAA | 161367 |   |   |   |   |   |   |   |   |   |   |   |   | THE PERMANENTE MEDICAL GROUP - SAN FRANCISCO CNTY, SAN FRANCISCO, CA |
| 10001 | G47AAA | 161629 | ALAMEDA HOSPITAL SUBACUTE-SNF, ALAMEDA, CA | EDEN MEDICAL CENTER, CASTRO VALLEY, CA | THE HOSPITAL COMMITTEE FOR THE VALLEY MEMORIAL, PLEASANTON, CA | ST ROSE HOSPITAL, HAYWARD, CA | GENERAL VASCULAR SURGERY MEDICAL GROUP - SAN LEANDRO, SAN LEANDRO, CA | MPI TREATMENT SERVICES - ALTA BATES SUMMIT MEDICAL CENTER, OAKLAND, CA | CARDIOVASCULAR CONSULTANTS - SAN RAMON, SAN RAMON, CA |   |   |   |   |   |   |

1. Is it possible to get results like following:
2. Move the POS to left so that readers can immediately see the data;
3. Replace the POS ID which is meaningless to the users to something meaningful, e.g.

POS\_1 (or POS\_Address\_1),

POS\_2 (or POS\_Address\_2), etc.

Thank you so much for your advice!

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NPI** | **LICENSE\_NUM** | **VENDOR\_ID** | **POS\_1** | **POS\_2** | **POS\_3** |
| 10001 | G47AAA | 16110385 | ALAMEDA HOSPITAL SUBACUTE-SNF, ALAMEDA, CA | EDEN MEDICAL CENTER, CASTRO VALLEY, CA | THE HOSPITAL COMMITTEE FOR THE VALLEY MEMORIAL, PLEASANTON, CA |
| 10001 | G47AAA | 161362 | THE PERMANENTE MEDICAL GROUP - SANTA CLARA CNTY, SANTA CLARA, CA |   |   |
| 10001 | G47AAA | 161363 | THE PERMANENTE MEDICAL GROUP - ALAMEDA-CONTRA COSTA CNTY -, RICHMOND, CA |   |   |
| 10001 | G47AAA | 161364 | THE PERMANENTE MEDICAL GROUP - SOLANO-MARIN-NAPA CNTY, VALLEJO, CA |   |   |
| 10001 | G47AAA | 161365 | THE PERMANENTE MEDICAL GROUP - SAN JOAQUIN-SACRAMENTO-FRESNOO-SONONMA COUNTY, STOCKTON, CA |   |   |
| 10001 | G47AAA | 161366 | THE PERMANENTE MEDICAL GROUP - SAN MATEO CNTY, REDWOOD CITY, CA |   |   |
| 10001 | G47AAA | 161367 | THE PERMANENTE MEDICAL GROUP - SAN FRANCISCO CNTY, SAN FRANCISCO, CA |   |   |
| 10001 | G47AAA | 161629 | ALAMEDA HOSPITAL SUBACUTE-SNF, ALAMEDA, CA | EDEN MEDICAL CENTER, CASTRO VALLEY, CA | THE HOSPITAL COMMITTEE FOR THE VALLEY MEMORIAL, PLEASANTON, CA |