

General Surgery Definitions Carrier vs. NPES

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Compare the differences between using Carrier file and NPES to define general surgery specialty surgeons. In Carrier file definition, GS was defined as surgeons that only had GS as their specialty for all medicare cases. In NPES, GS was defined as surgeons who only listed GS as their primary specialty.

- The number of surgeons in Milestone before filter GS specialty is 2855.

Carrier vs NPES definition

carrier_npes_gs	npi_npes_gs	n surgeons
gs	gs	929
gs	not gs	119
not gs	gs	1367
not gs	not gs	440

- Carrier GS, NPES Not GS

Among the 119 surgeons who are defined as GS in carrier but not NPES NPI file, before is their specialty definition in NPES file

degree_record_npes	n_surg
with DO	35
with MD	38
NA	44

- Carrier Not GS, NPES GS

NPES specialty Taxonomy code have one to many relation with medicare specialty group. Below are the surgeons who didn't link with Medicare data, but is defined as GS in NPES, who have more than one medicare specialty (873/1260).

medicare_provider_supplier_type_description	n surg
Physician/General Surgery	873
Physician/Peripheral Vascular Disease	339
Physician/Vascular Surgery	339
Physician/Cardiac Surgery	225
Physician/Thoracic Surgery	225
Physician/Colorectal Surgery (Proctology)	102
Physician/Surgical Oncology	102
Physician/Plastic and Reconstructive Surgery	95
Physician/Hand Surgery	7
Physician/Orthopedic Surgery	6

- Milestone link with Medicare (5 Procedures)

carrier_nppes_gs	npi_nppes_gs	n linked surgs	perc
No Medicare Case			
gs	gs	92	3%
gs	not gs	12	0%
not gs	gs	1260	44%
not gs	not gs	426	15%
Linked with Medicare Case			
gs	gs	837	29%
gs	not gs	107	4%
not gs	gs	107	4%
not gs	not gs	14	0%

the number of linked surgeons is 1065; the number of not linked surgeons is 1790

837 surgeons were both defined as GS in NPPES and Carrier; that is 90% of all linked GS surgeons based on Carrier file definition.