

# Executive summary

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This report uses the *Medicare Physician and Other Supplier Data CY 2017* (Hereinafter referred to as *MP*), which is released by the US Government. Through studying the patterns between healthcare professionals with different credentials, following patterns of different credentials have been found:

1. Providers with credentials of PT, PA, OD, DPM and Organizations have similar patterns: they provide services at non-facility places and have a relatively high number of services with low amount of charges. Among them, PT and PA has a proportion of female slightly higher than male, while the rest have a proportion of male significantly higher than females.
2. Providers with credentials of MD have following pattern: they are evenly distributed in most features without significant difference. However, the proportion of males is around 3 times higher than that of females.
3. Providers with credentials of NP have following pattern: they are evenly distributed in most features without significant difference. However, the proportion of females is more than 15 times higher than that of males.
4. Providers with credentials of CRNA have following pattern: they provide services at facility places and have a relatively low number of services with high amount of charges, and there is no significant difference in gender.
5. More than 75% of the providers who provide services that are on the list of ASP file are MD and Organizations.
6. Providers who are not individuals but organizations have the following pattern: they provide services at non-facility places and have a relatively high number of services with low amount of charges.