According to the Brookings Institute, Houston ranks 5th in terms of Advanced Industries Employment (361,000 jobs). The share of total metro employment is 12.8% compared to 7% for New York Metro (630,840 jobs).

San Jose Metro ranks 1st with 30% percent share to the total employment (not shown in chart; 292,000 jobs). The US share is 9% to the total employment.

Houston, the world’s energy capital has diversified in all directions from deep sea and horizontal drilling to hydraulic fracturing, technologies engineered to reshaping global energy markets and represent quintessential advanced industry breakthroughs, as pointed by the Brookings Institute.

Employment in Advanced Industries includes research and development (R&D), science, technology, engineering, and math (STEM) workers.