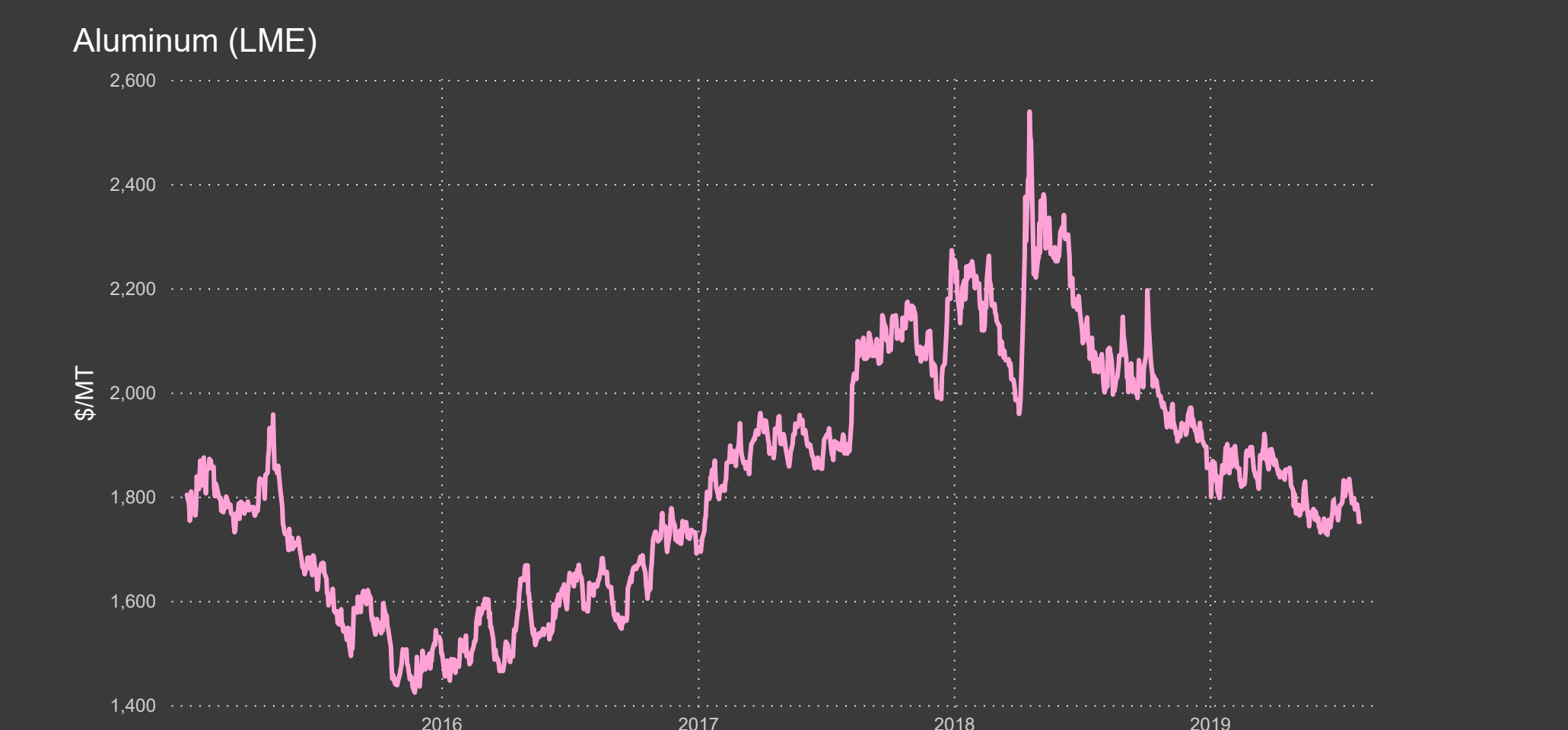
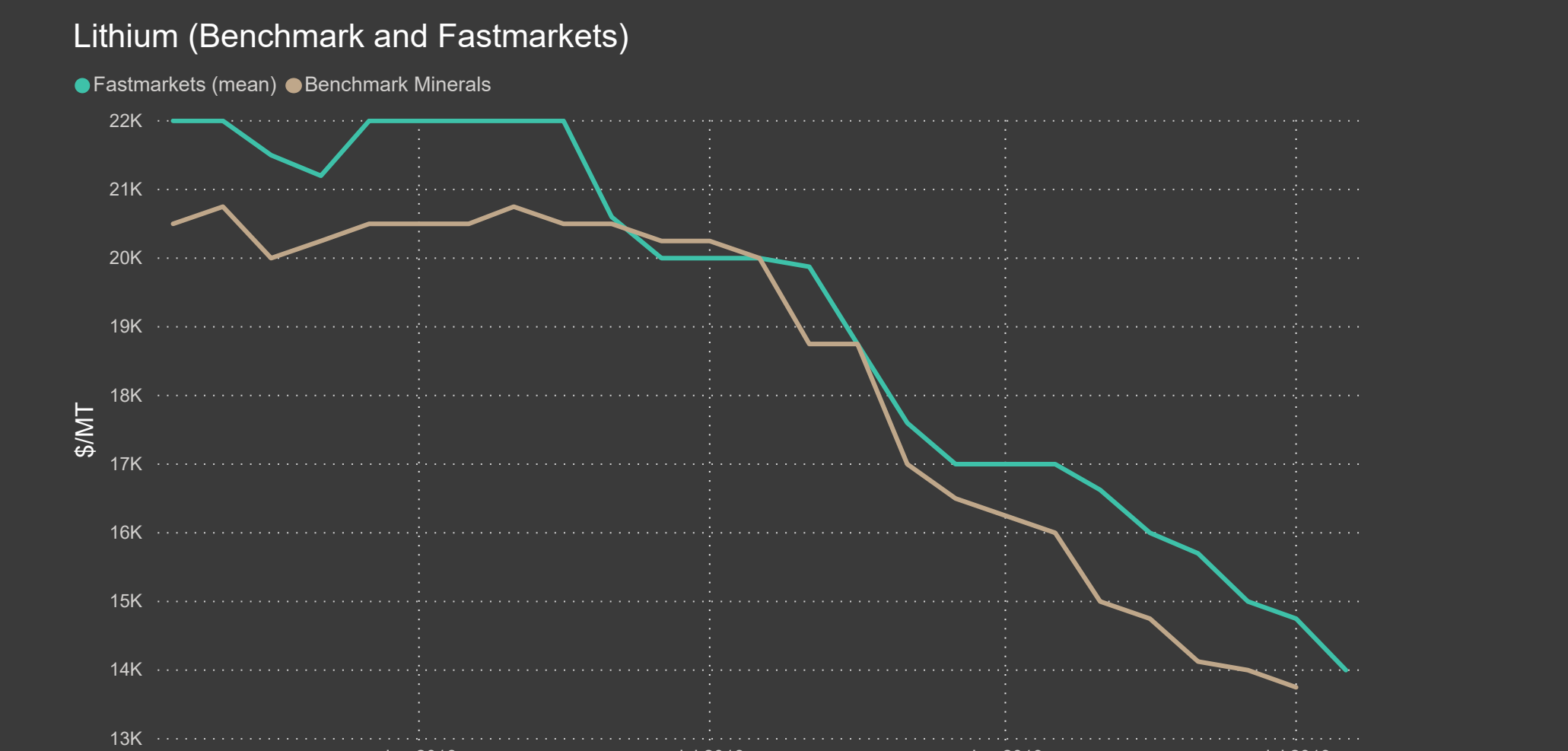
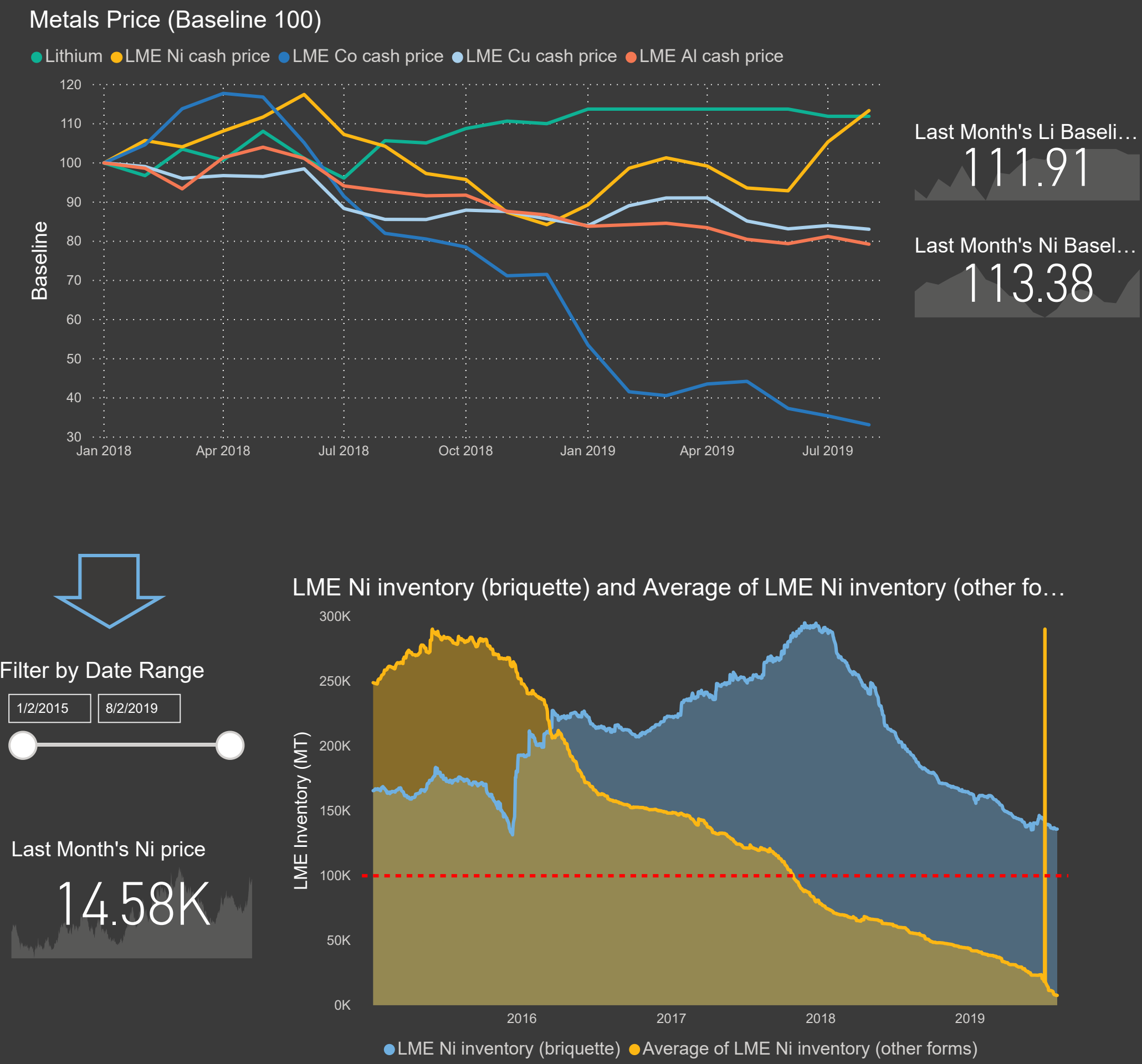
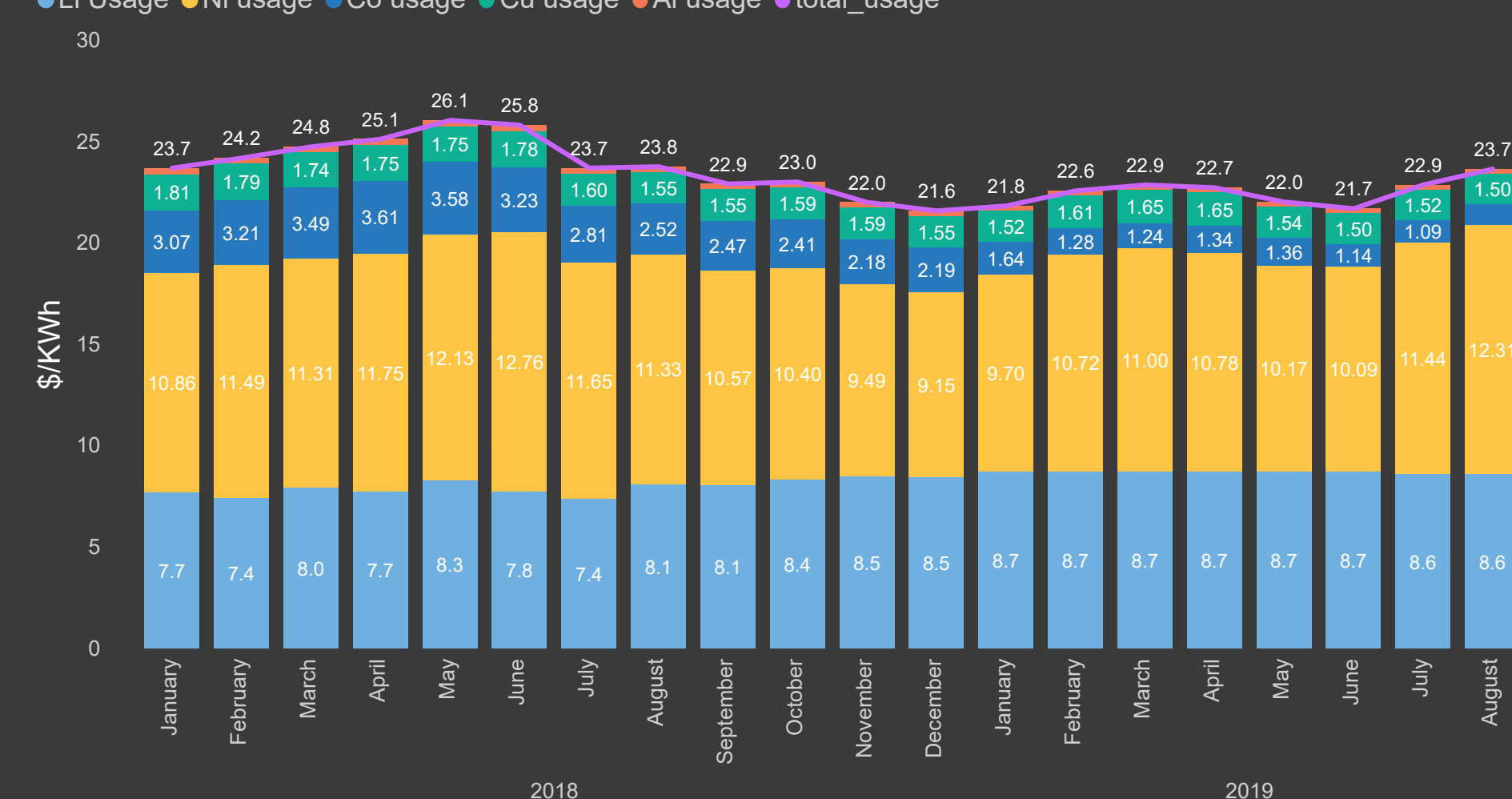


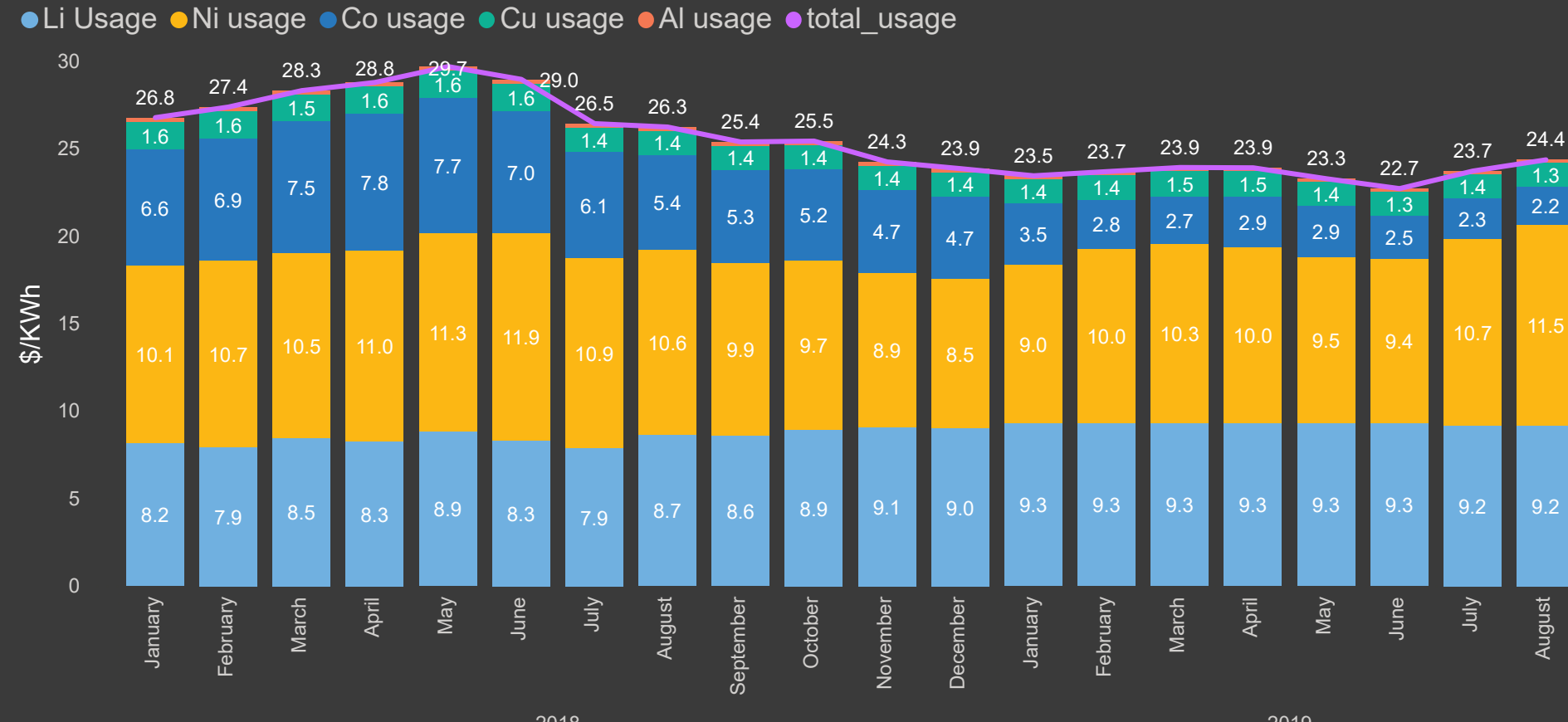
Metals Market Visualizations



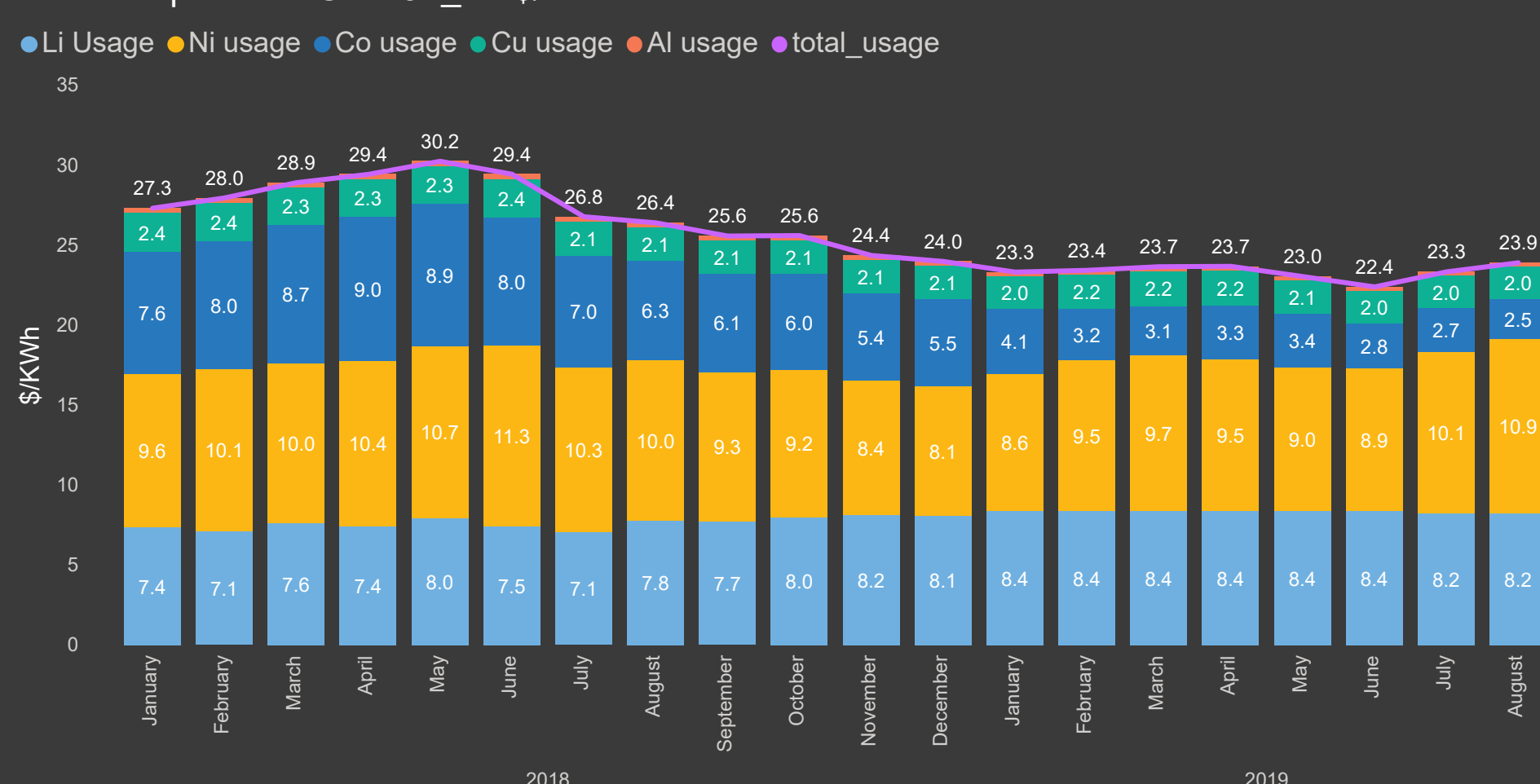
Metals Impact on Panasonic 2170C \$/kWh



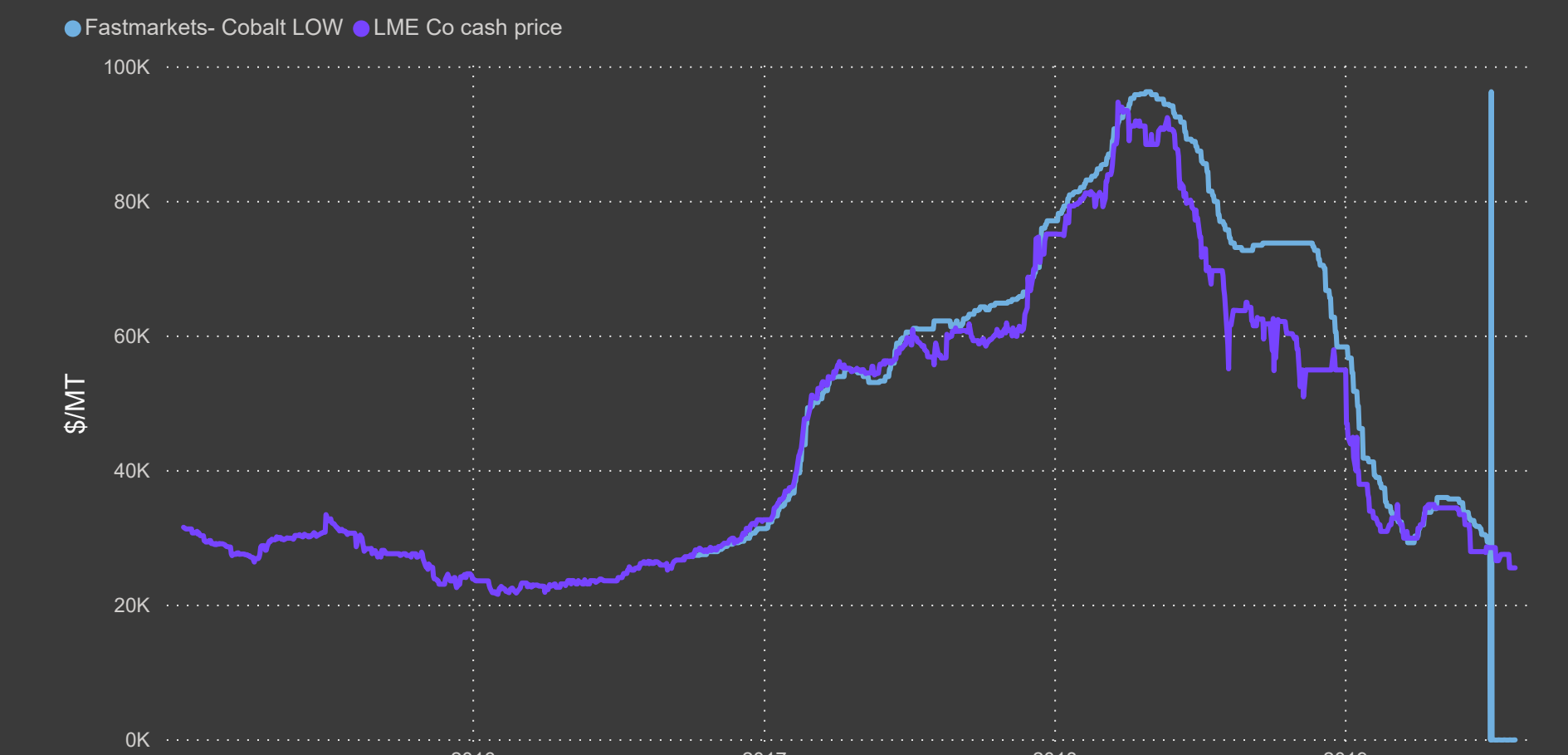
Metals Impact on Panasonic 18650H \$/kWh



Metals Impact on LG M48F_V1 \$/kWh



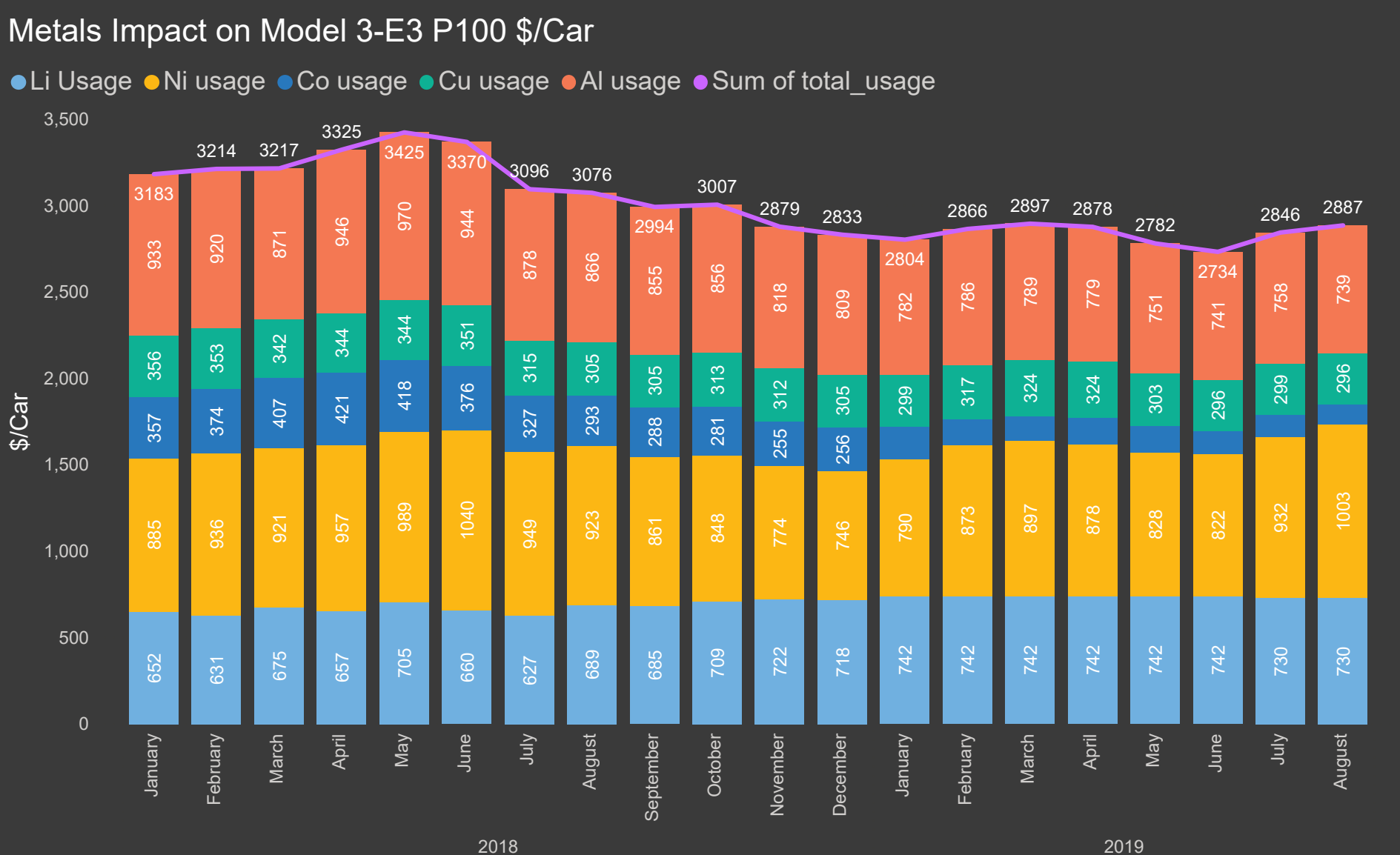
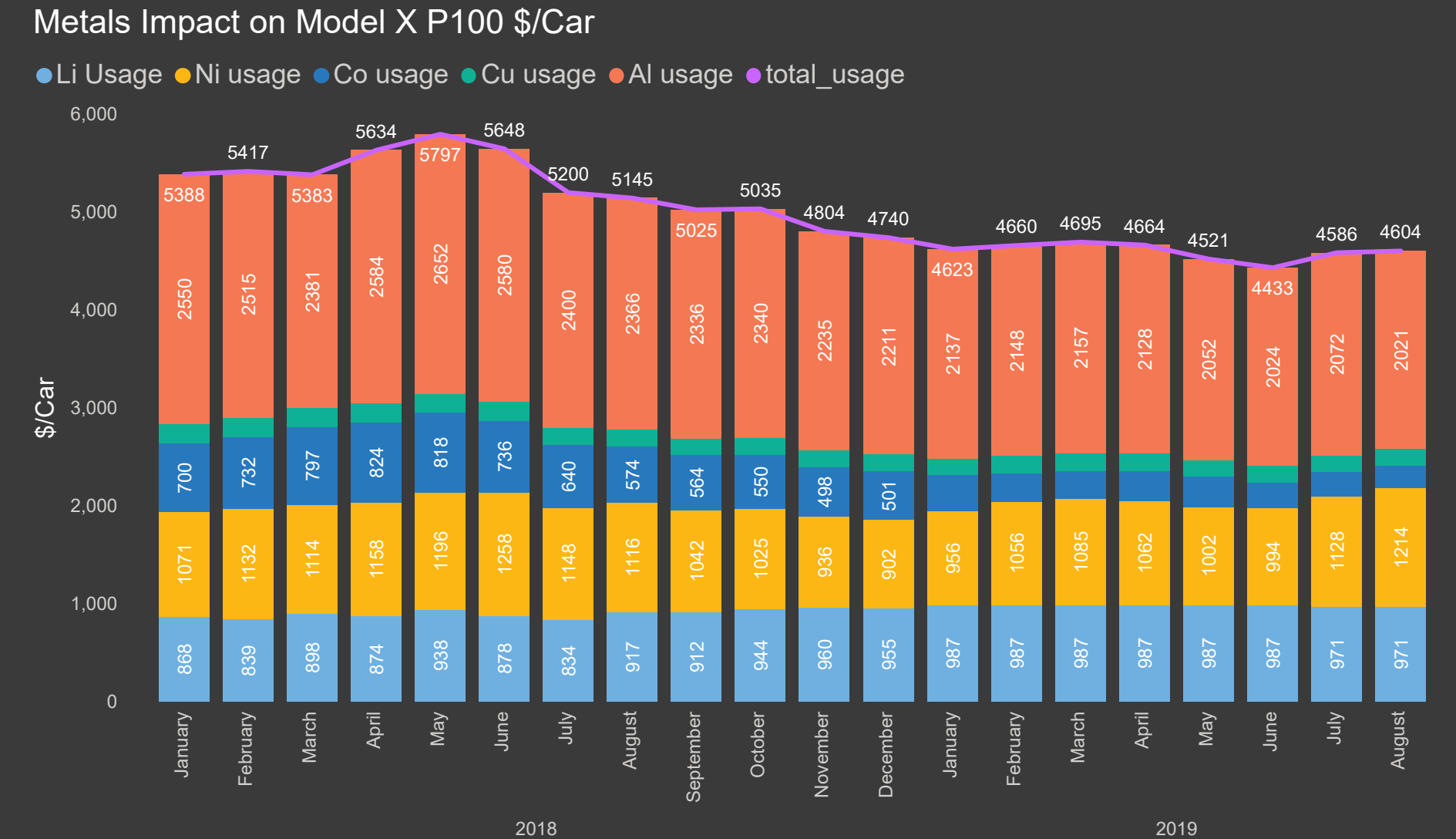
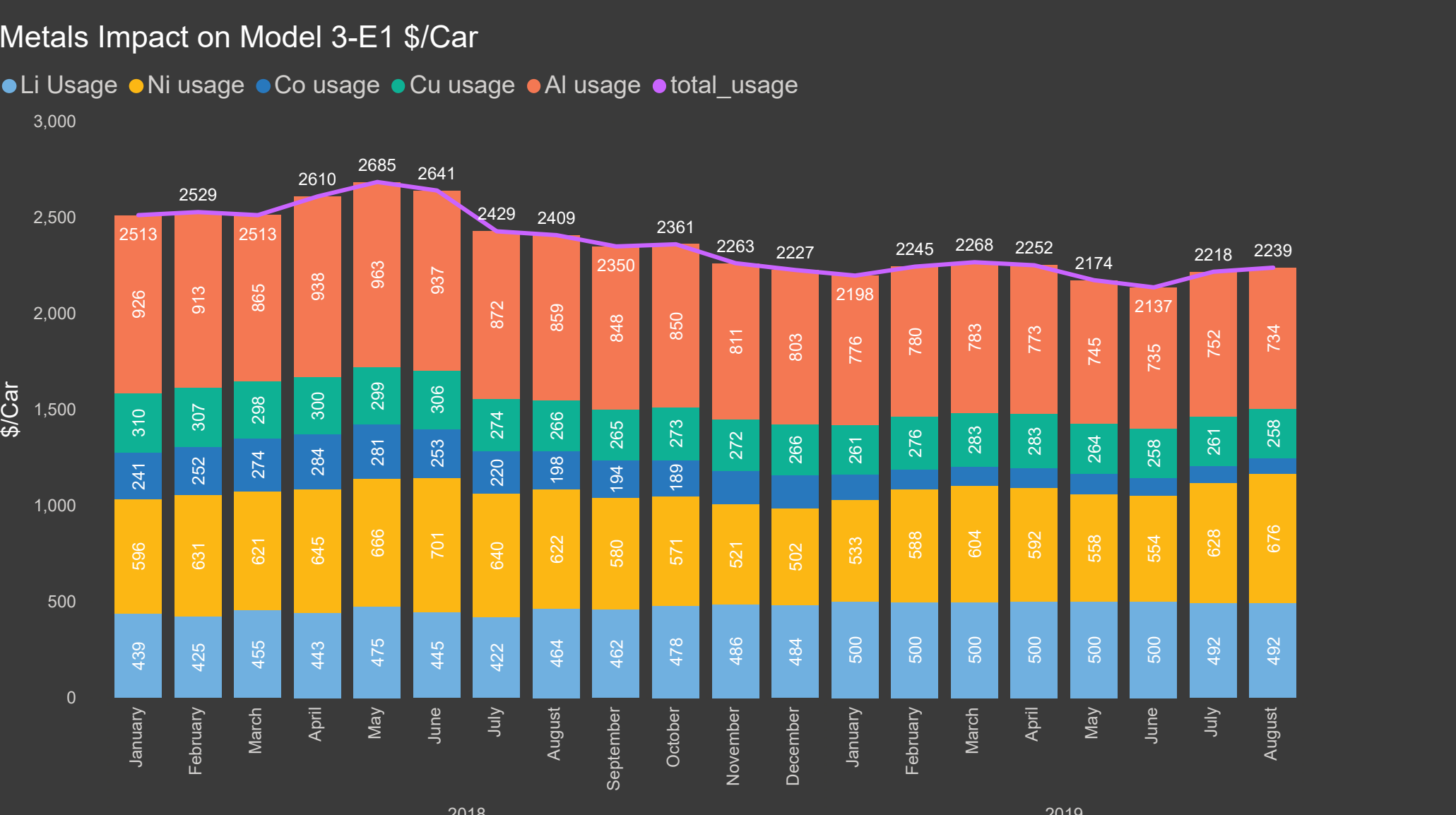
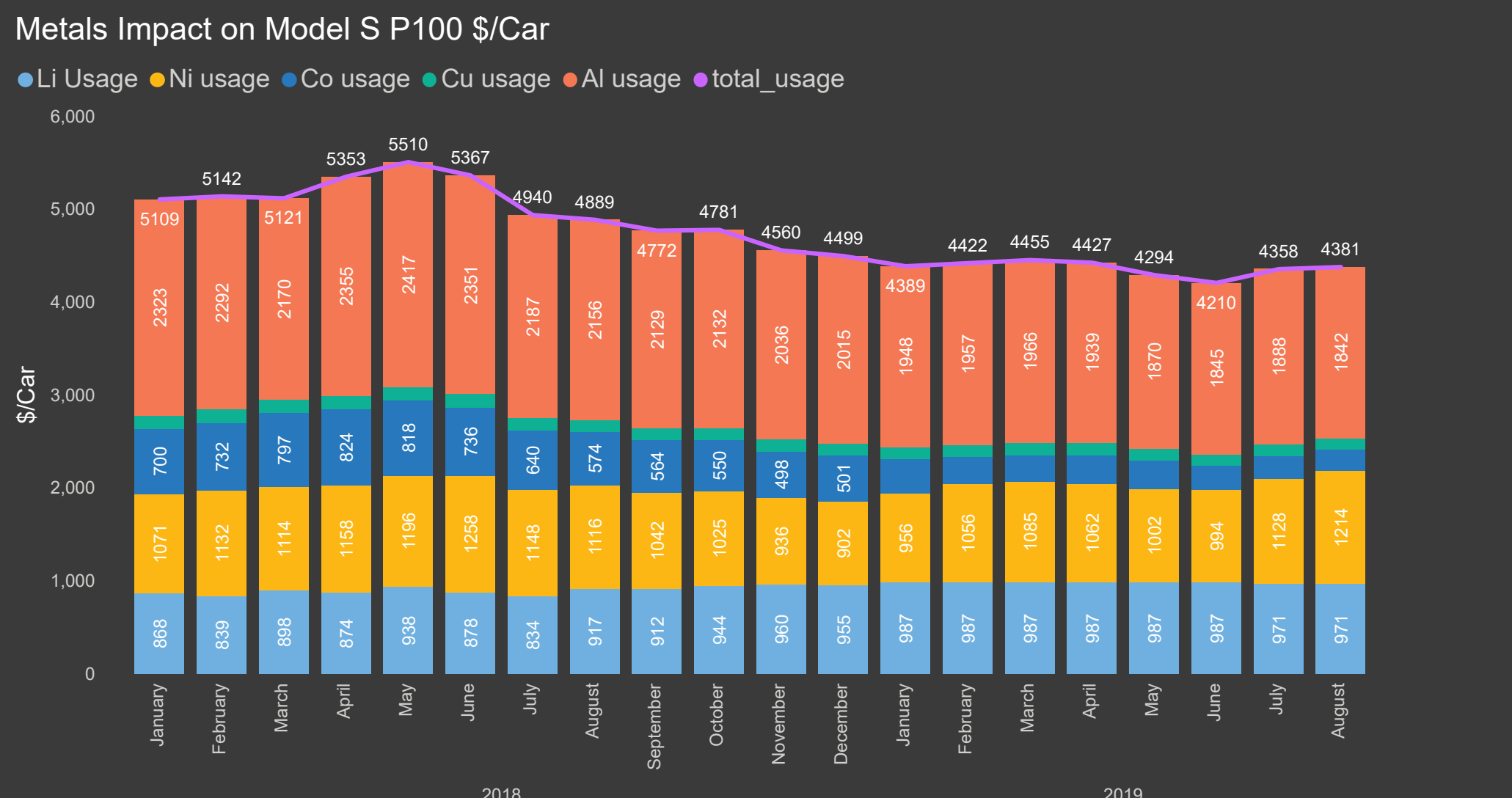
Cobalt (LME and Fastmarkets)



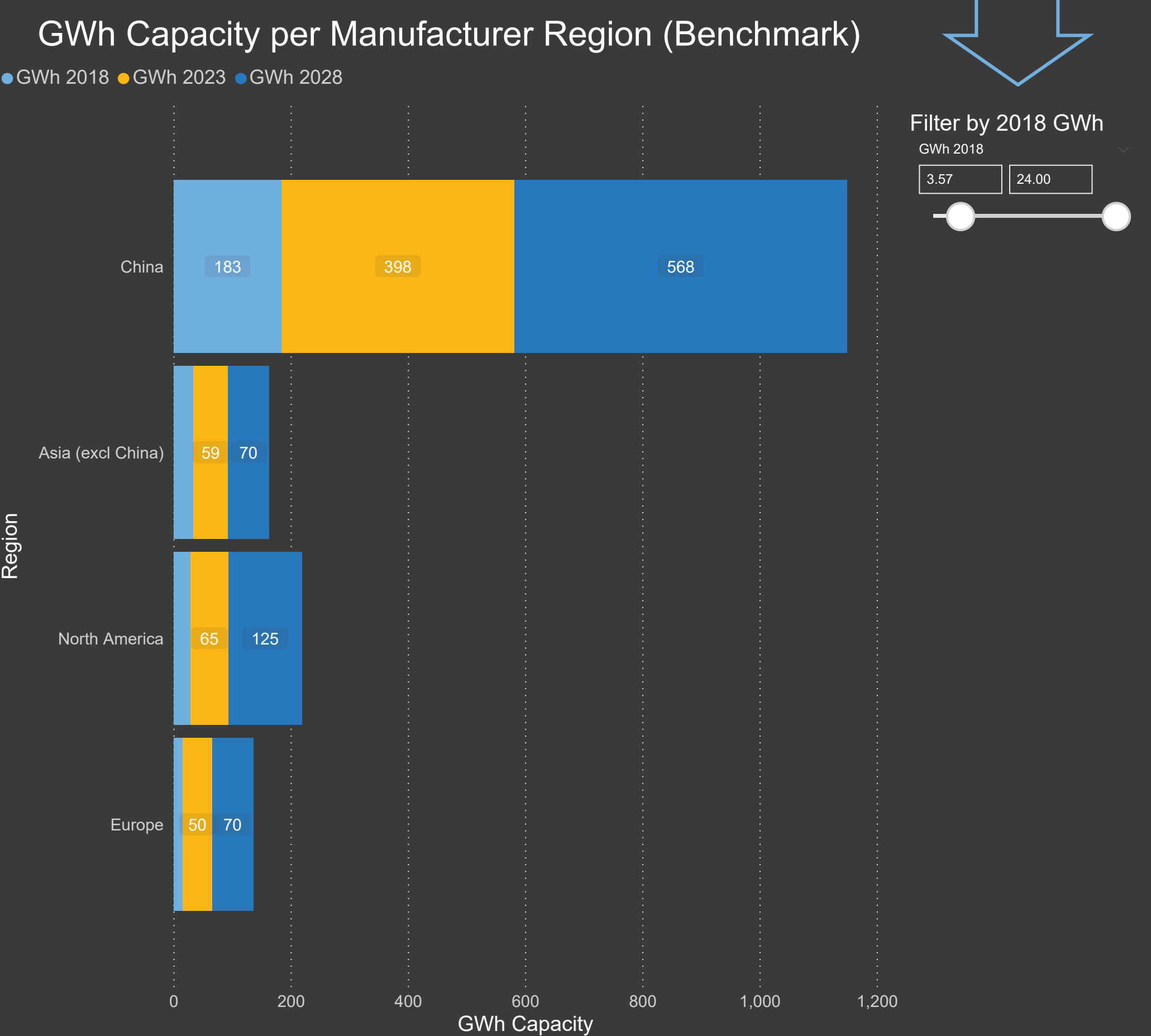
Copper (LME)



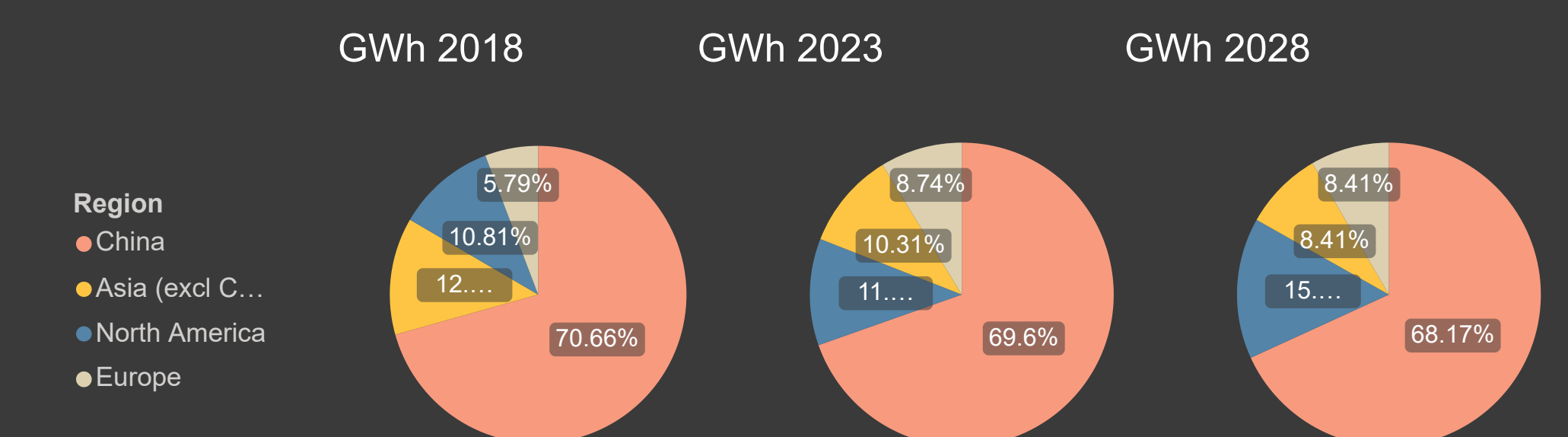
Metals Impact On Vehicles



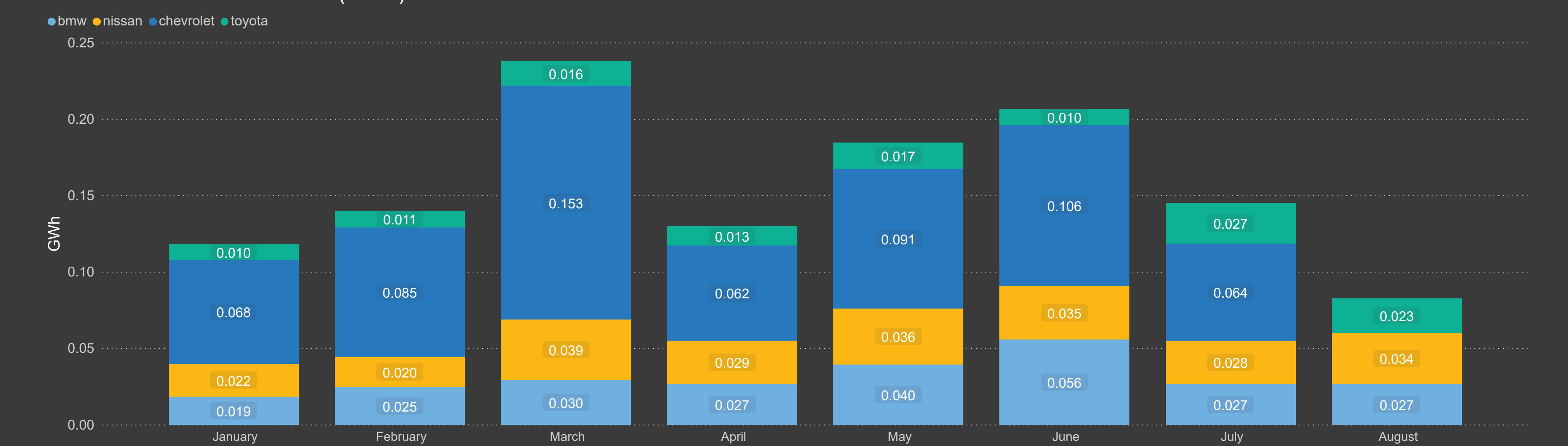
OEM and Competitive Landscape



GWh by Manufacturer Region



Electric Vehicle Sales in US (GWh) in 2019



GWh Capacity per Battery Manufacturer (Benchmark)

