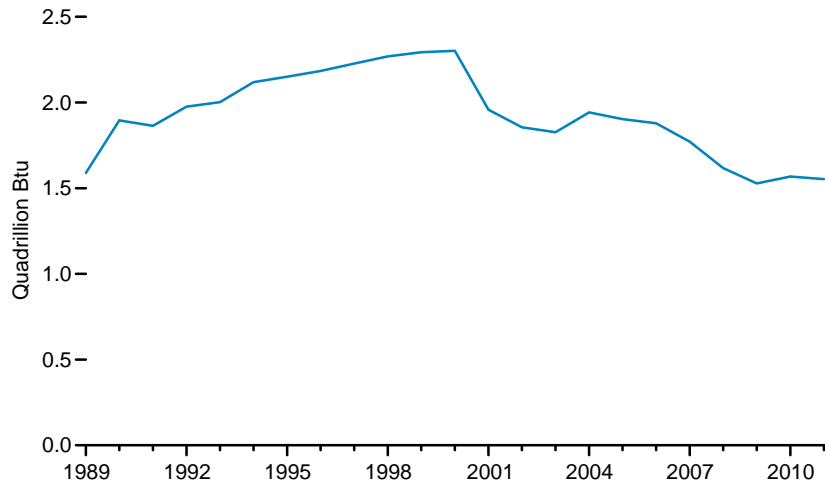
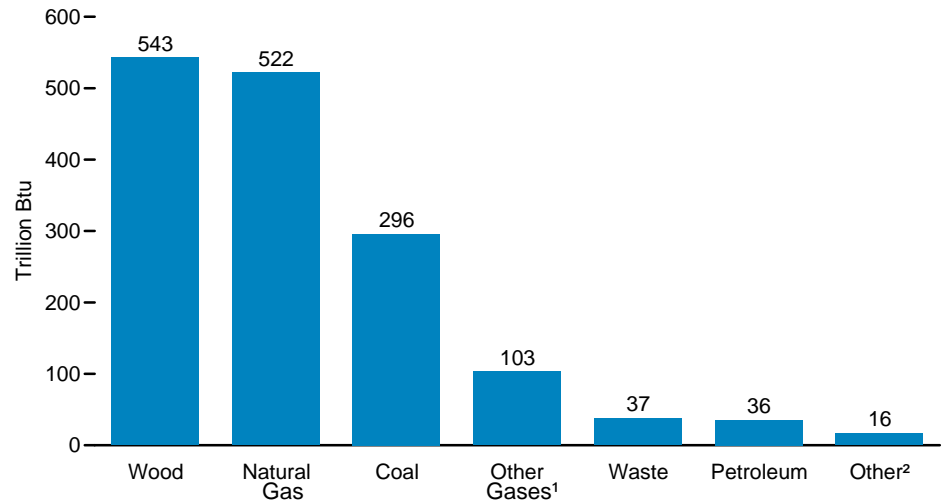


**Figure 8.3 Useful Thermal Output at Combined-Heat-and-Power Plants**

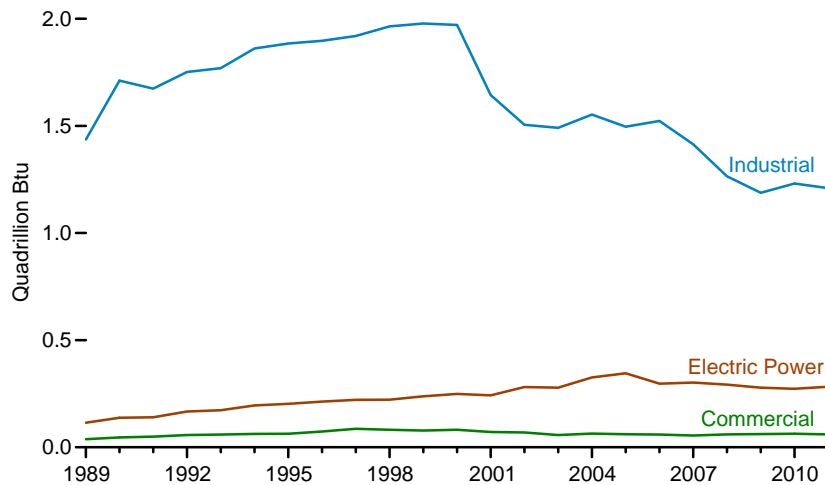
**Total (All Sectors), 1989-2011**



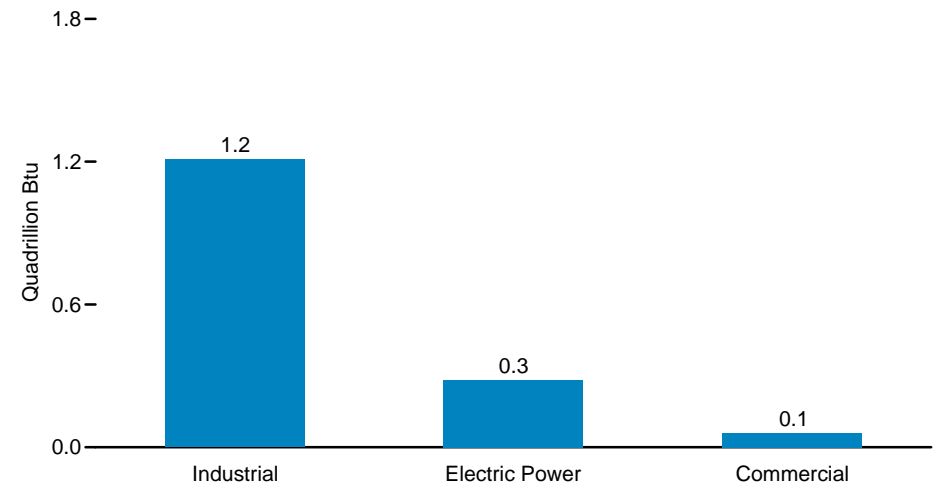
**Total (All Sectors) by Source, 2011**



**By Sector, 1989-2011**



**By Sector, 2011**



<sup>1</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>2</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

Sources: Tables 8.3a–8.3c.