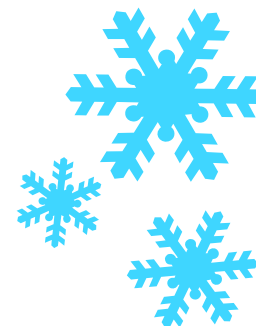
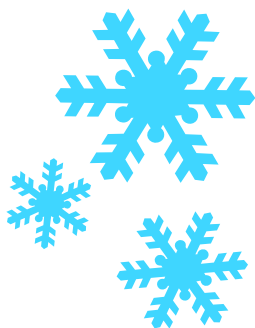
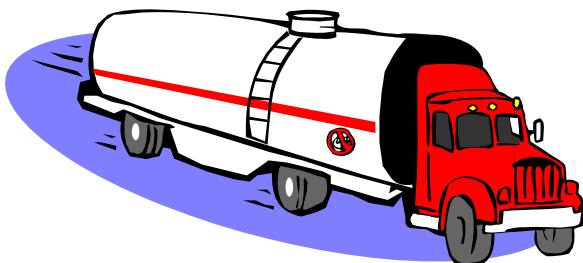
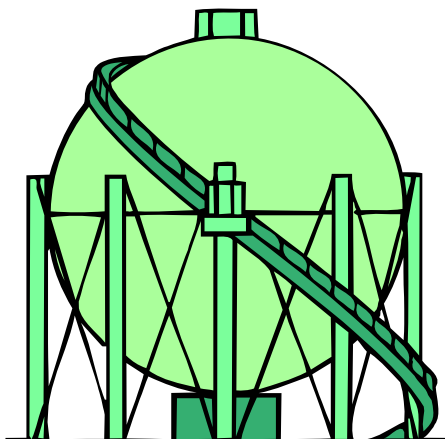
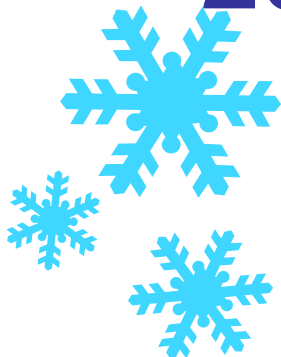


NYSERDA

2007 Winter Fuels Outlook

October 30, 2007



Last Season Review & Lessons

Charles M. Wesley

New York State Energy Research &
Development Authority

October 30, 2007

Review of 2006 - 07

- Warmer than normal year...but
 - Cold mid-January to March period
- Natural Gas supply was adequate
 - Limited interruptions
- Home Heating Oil – Generally no issues
- Residual Fuel Oil – Generally no issues
- Kerosene – Very Tight Supply...not new
- Diesel Fuel – Generally no issues
- Propane - **See Next Slides!**

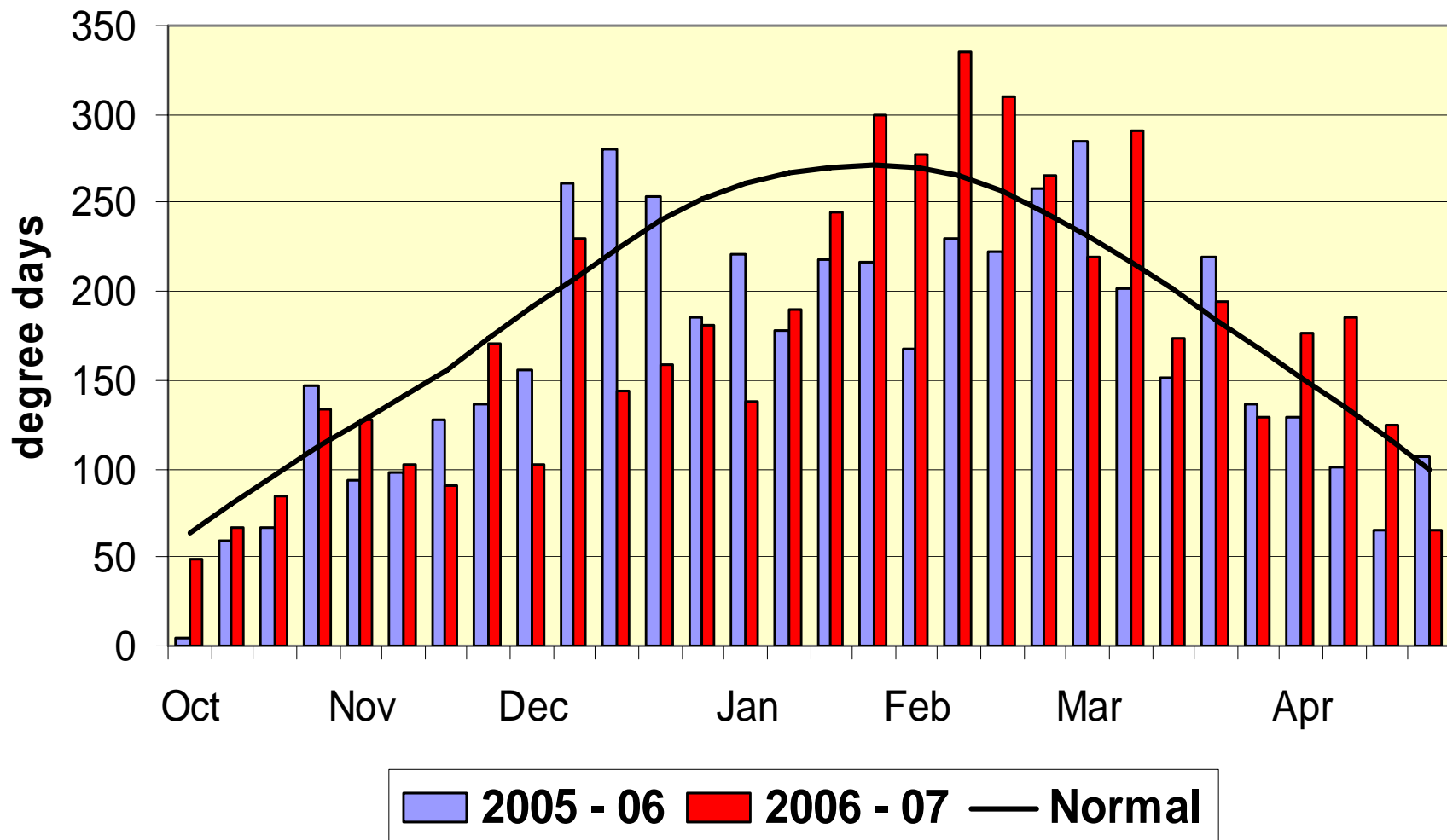
Review of 2006 – 07 cont.

- **February 10** - Canadian National railroad worker strike, stops Canadian propane imports
 - Transport trucks attempt to replace rail cars
 - More a NE issue than NY
- **February 20** - TEPPCO 20 inch pipeline shutdown, due to Ohio valve leak
 - Impacts PA & NY terminals and all states that use them
- **February 23** - TEPPCO back in service
- **February 25** - Railroad workers end strike

Review of 2006 – 07 cont.

- Severe ocean storms delayed propane resupply shipments to both
 - Portsmouth, NH, Sea-3 Ocean Terminal
 - Providence, RI, TEPPCO Ocean Terminal
- Both terminals effectively dry at various points during February
- Inergy LP ships almost 600,000 gallons of propane from facilities in Kansas and Iowa to New England in 10,000 gallon transport trucks

2006-07 NY Statewide Heating Degree Days

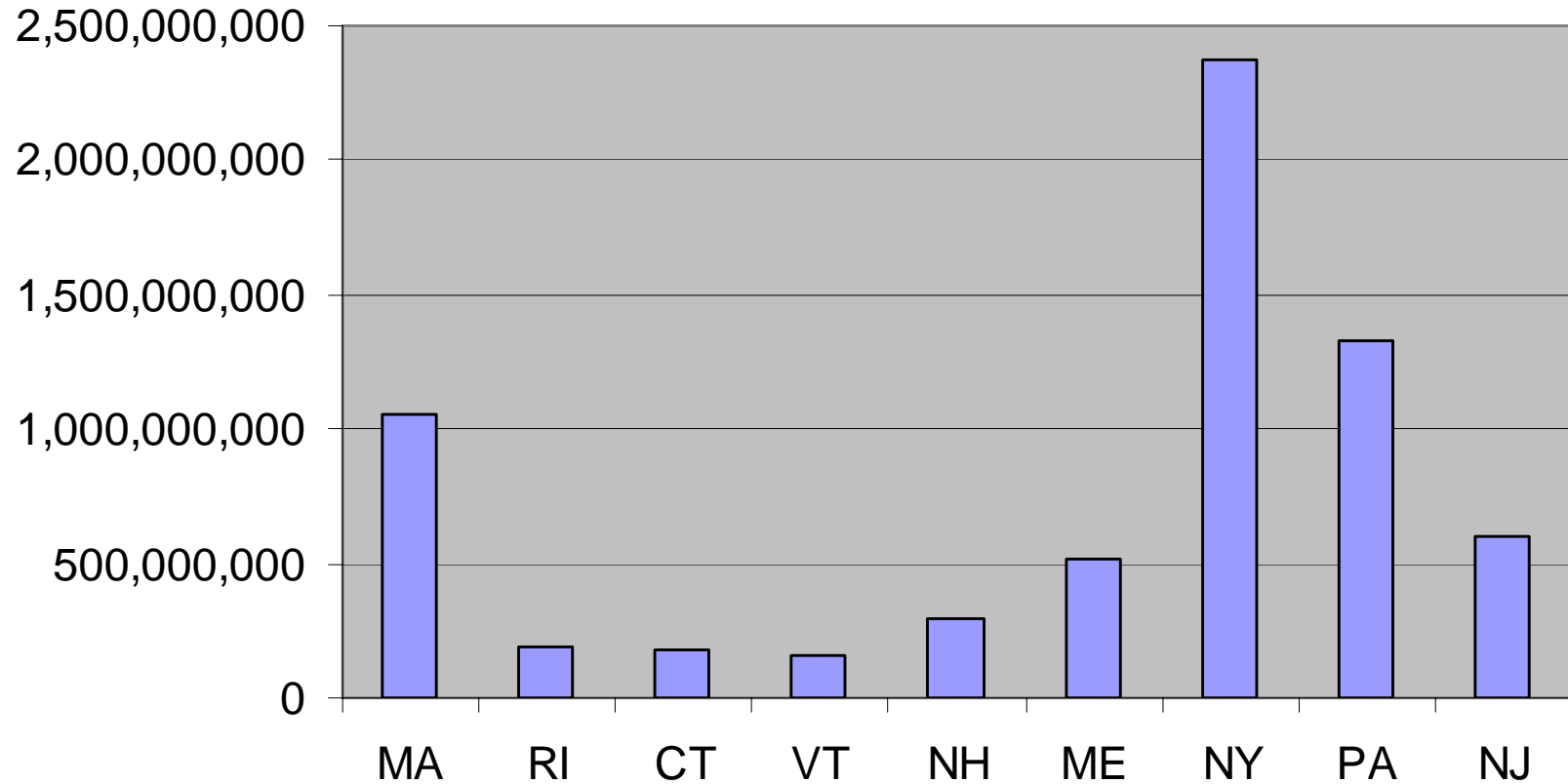




Summary

- Warmer than average in most of the country, except for the northern Plains and Northwest .
- Northern Alaska: Warmer than average; Hawaii: Warmer than average
- Drier than average across the Southwest and Southeast
- Ohio and Tennessee Valleys, northern Rockies, Hawaii: Wetter than normal

State Heating Oil Demand, Res., Comm., Ind. 2005 (gallons)



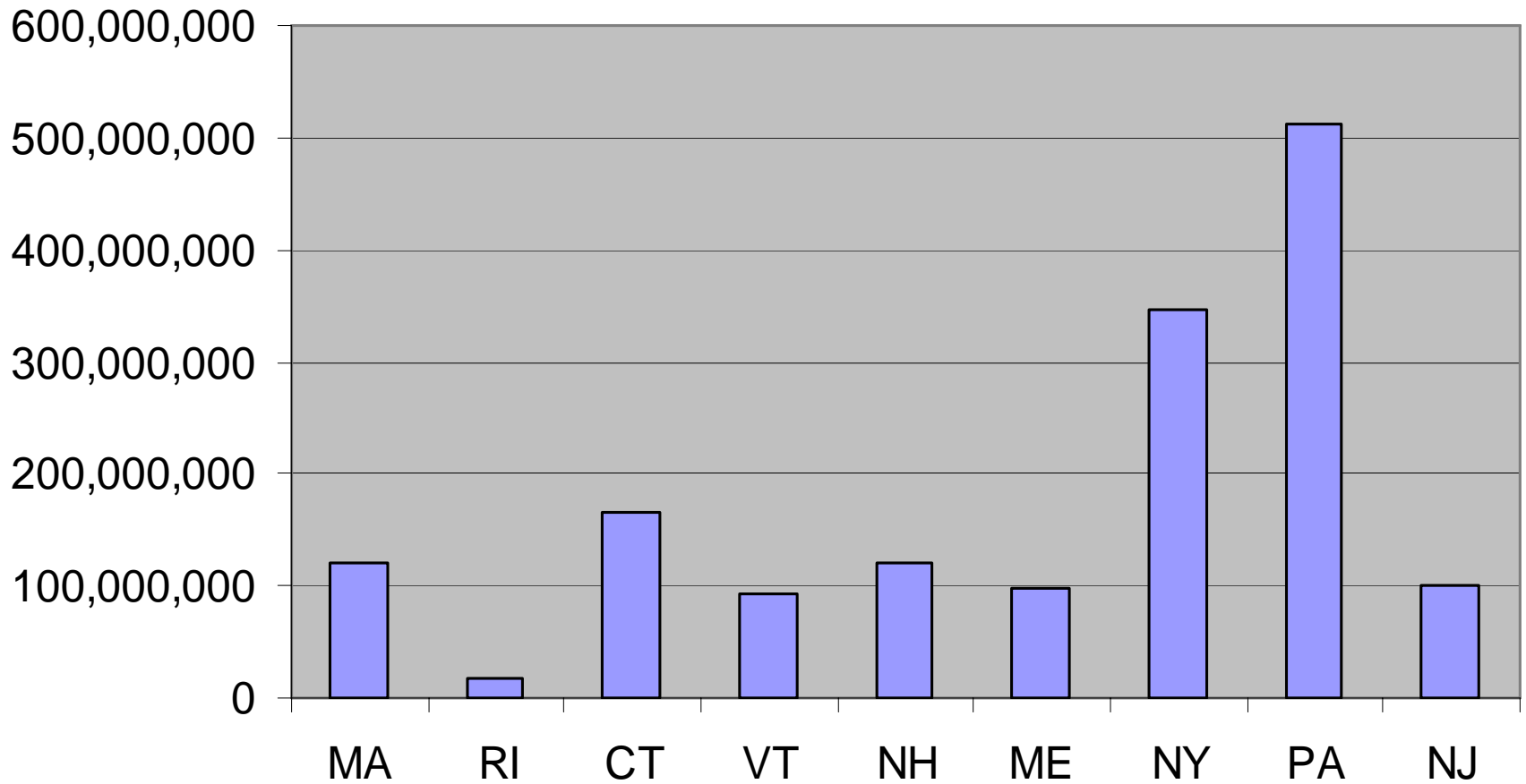
Source: US EIA

East Coast Distillate Fuel Supply Sources (source: US EIA)



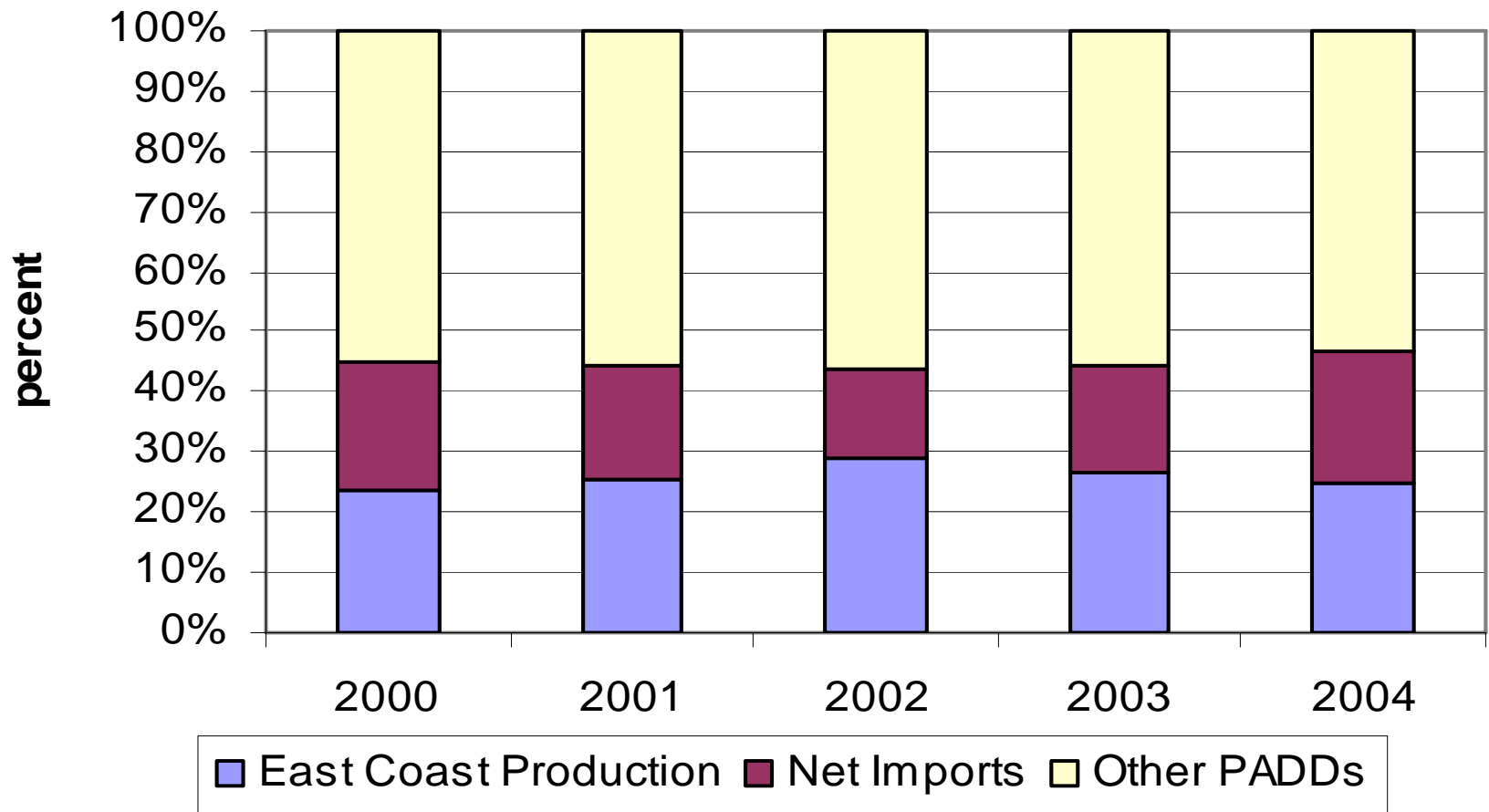
Source: US EIA

2005 State Propane Demand (gallons)



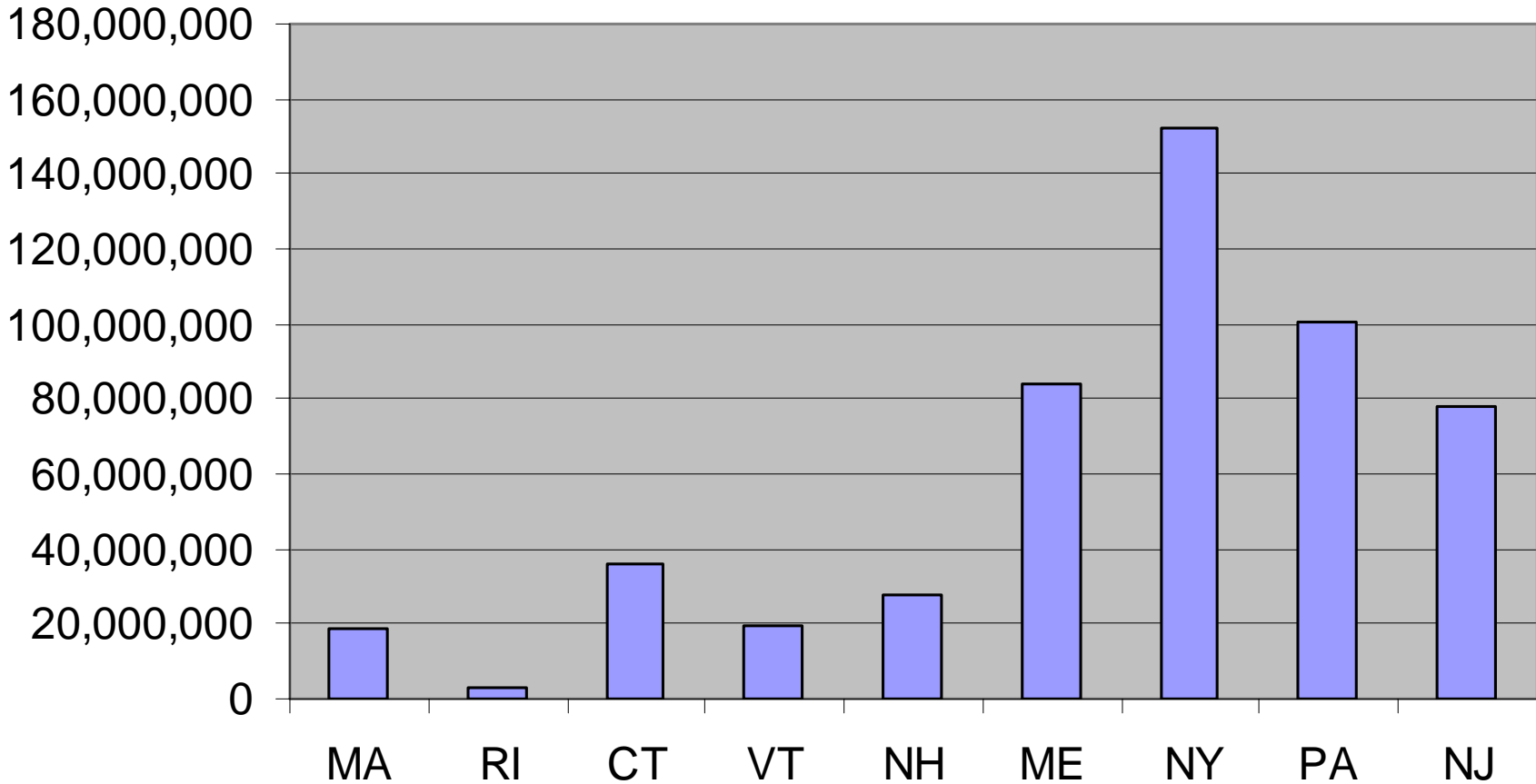
Source: US EIA

East Coast Propane Supply Sources (source: US EIA)



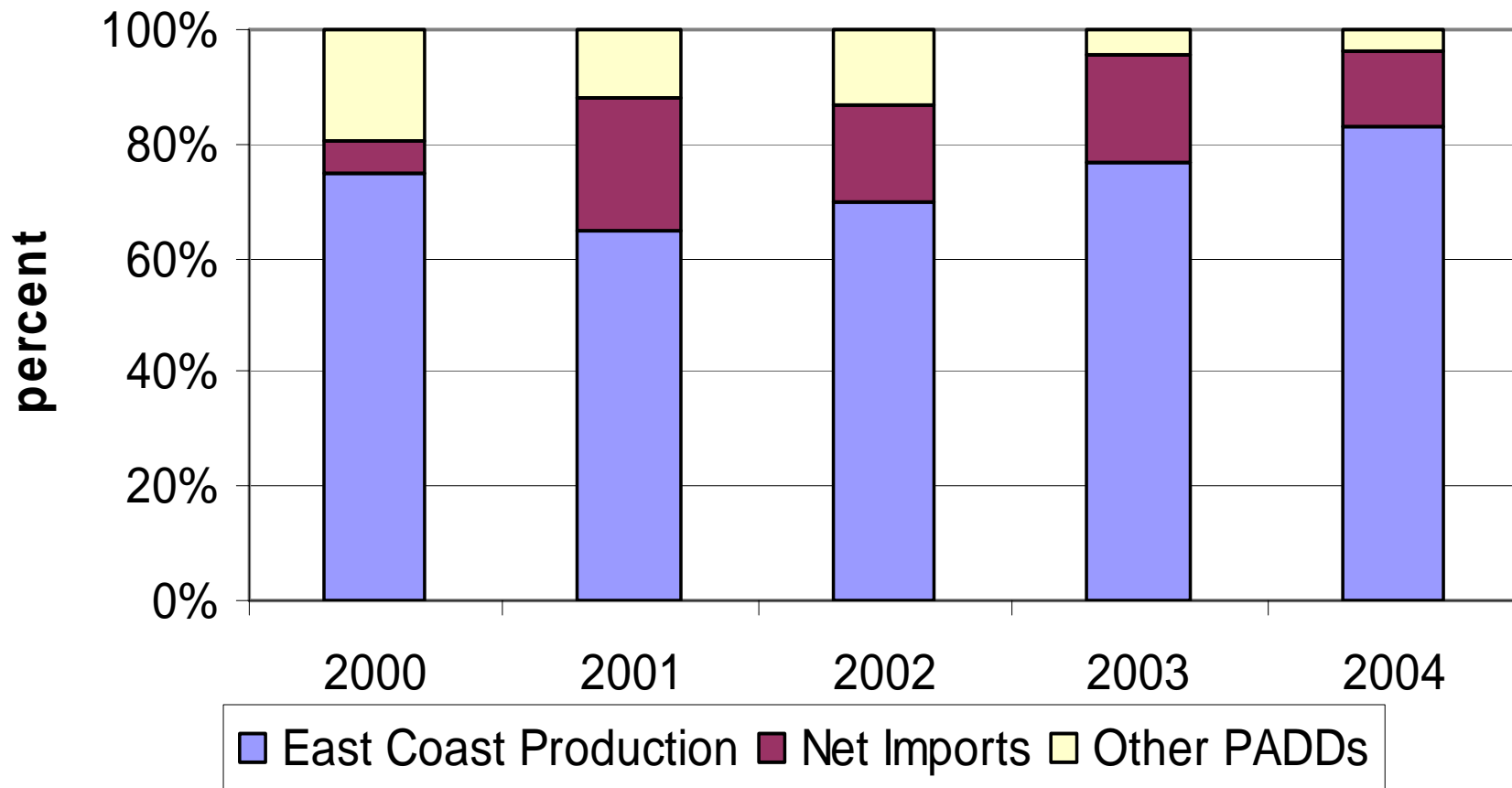
Source: US EIA

2005 State Kerosene Demand (gallons)



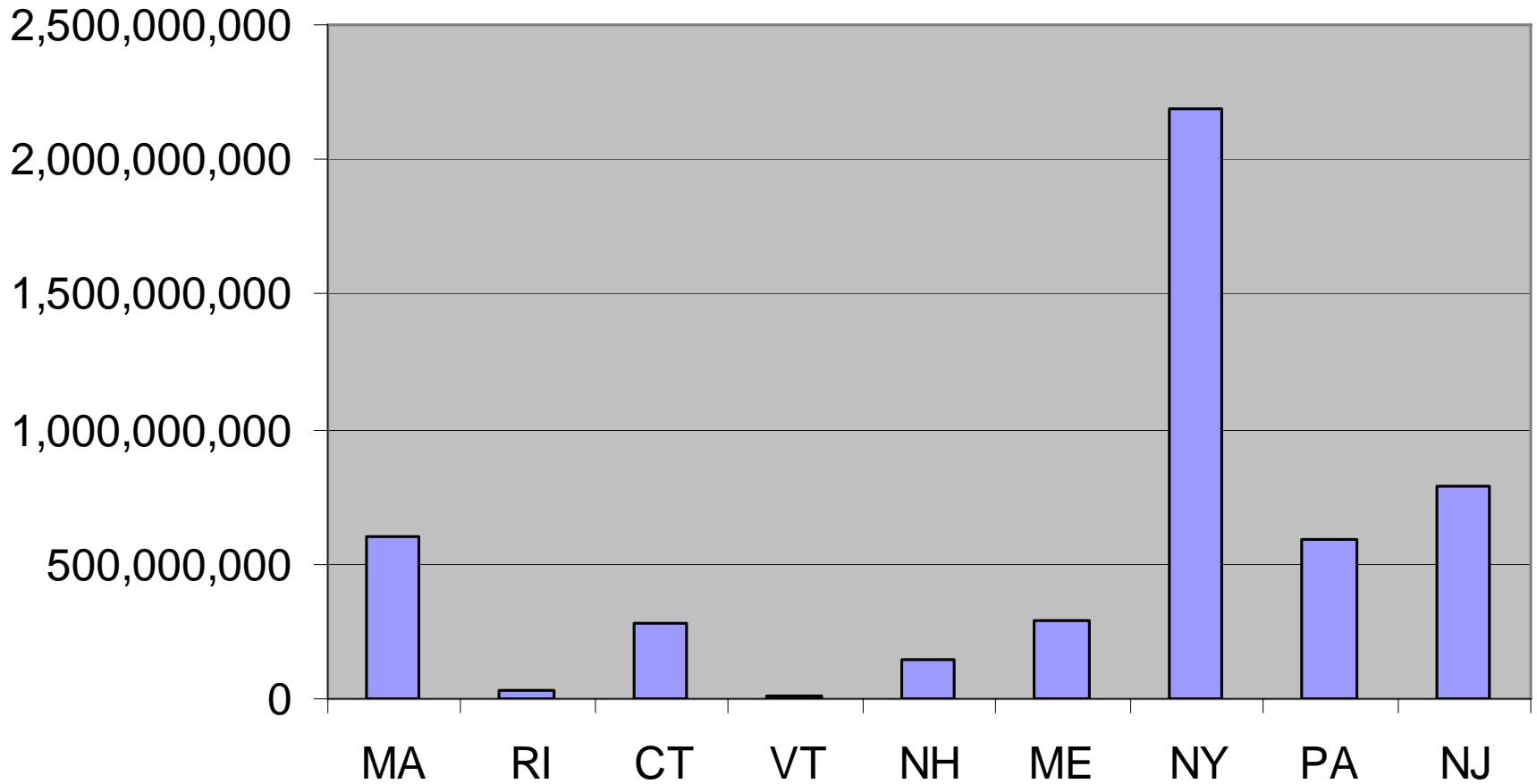
Source: US EIA

East Coast Kerosene Supply Sources (source: US EIA)



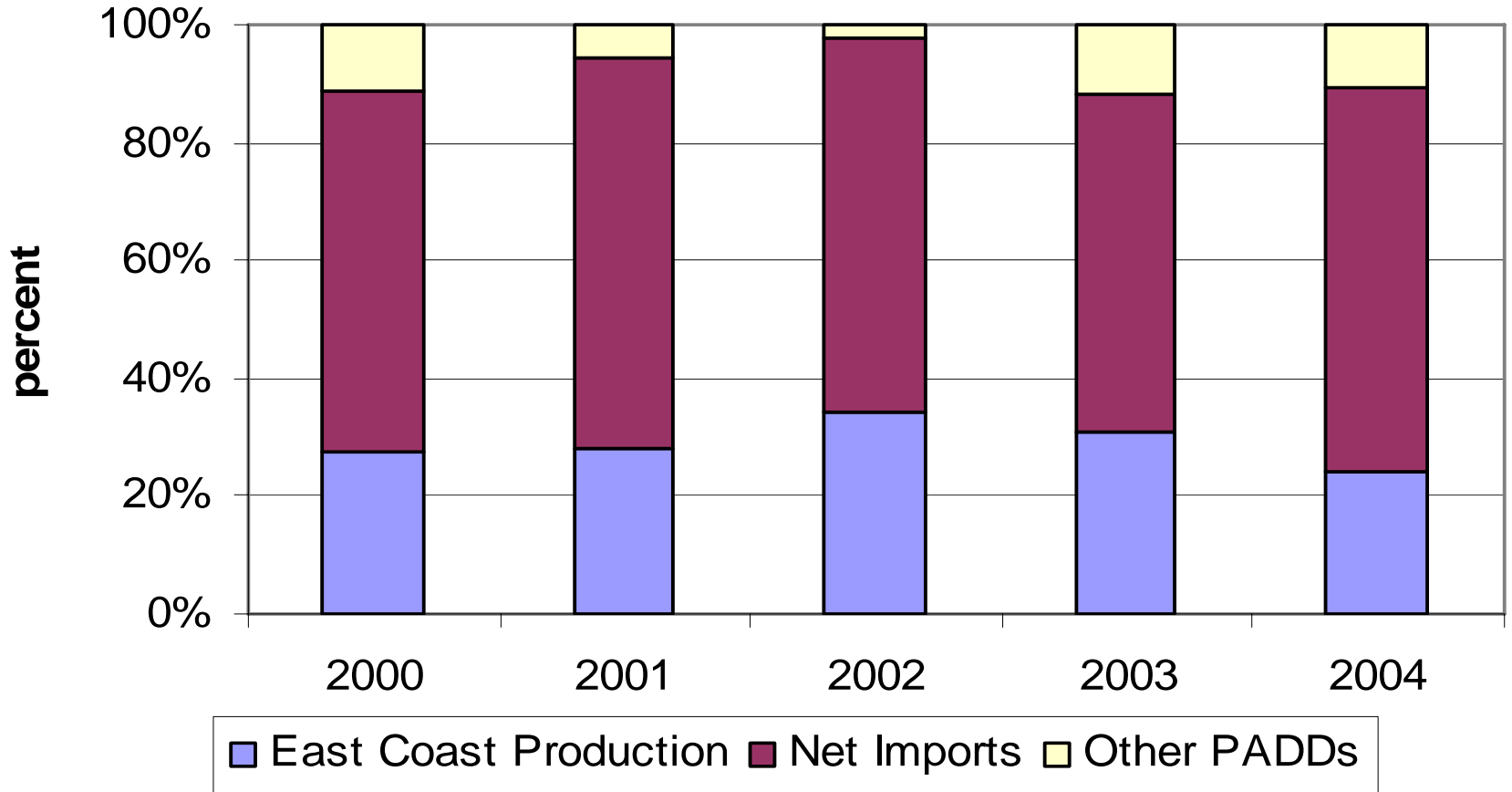
Source: US EIA

2005 State Residual Fuel Demand (gallons)



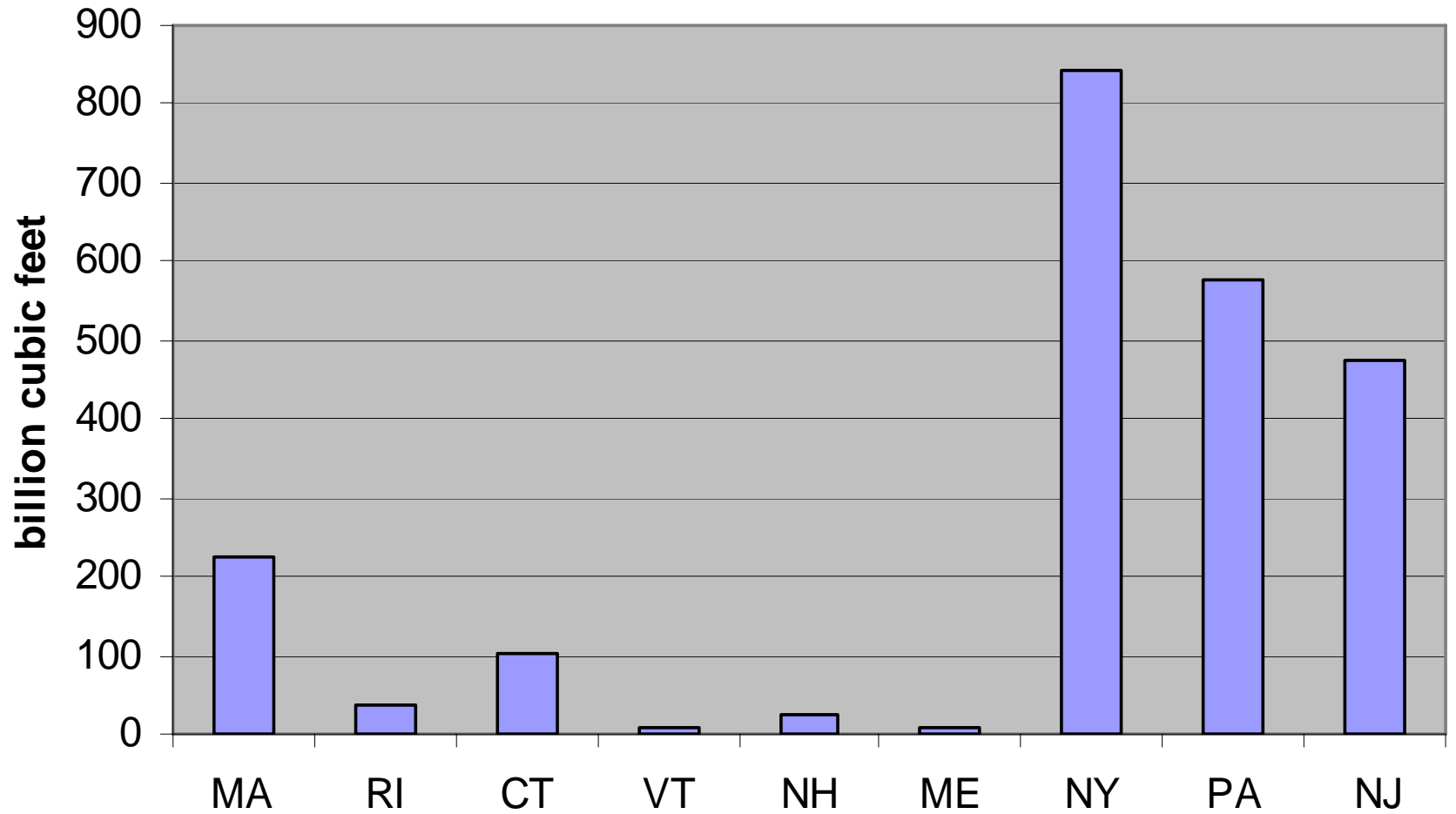
Source: US EIA

East Coast Residual Fuel Supply Sources (source: US EIA)



Source: US EIA

2005 State Natural Gas Demand, Res., Com., Ind.



Source: US EIA

WTI Crude Oil Futures



Source: Wall St. Jr.

Henry Hub Natural Gas Futures



Source: Wall St. Jr.