

## Introduction

Technical reports are a gold mine of information. Many are aimed at the non-technical reader.

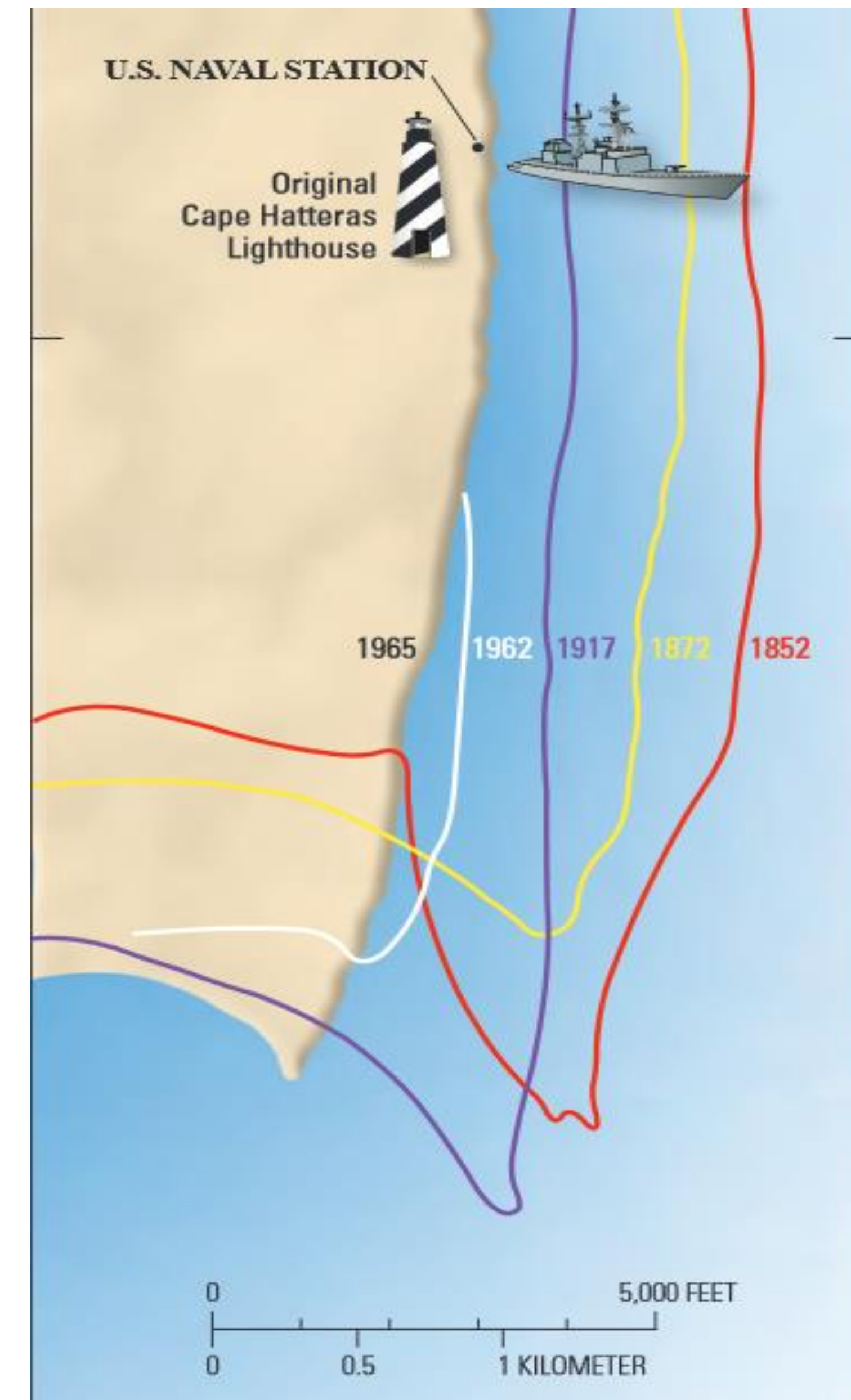
Reports that are the result of government-funded research are typically indexed in databases from federal science agencies. Historical reports can be found in these and in HathiTrust primarily, with some coverage in TRAIL and Internet Archive.

Of course, some are aimed at the technical reader – even so, the detailed summary (sometimes a separate report) or graphics may be of use to the general reader.

One advantage of the new public access requirements from federally-funded research is that indexing from scientific journals is included in many technical reports databases – sometimes with links to full-text. And, reports issued by universities or research centers might also be available.

Some reports are book-length and could be considered core in that subject; others are detailed summaries of a subject.

Displayed here are some graphics and text that highlight not only the breadth and scope of these reports, but also the rich graphics.



Shoreline change, 1852-1965, in "Outer Banks of North Carolina"

<https://pubs.usgs.gov/pp/pp1827/pp1827.pdf>



<https://ntrs.nasa.gov/citations/20100041317>

Ideally, the "space shuttle" would be able to operate in a mode similar to that of large commercial air transports and be compatible with the environment of major airports, taking off vertically from a small pad. ... No place on earth would be more than one hour from any other.

From: Apollo 11 to the Space Stations of the Future (Oct. 1969)

<https://ntrs.nasa.gov/citations/19710012918>

## Key Databases (free)

- NTRL (National Technical Reports Library), from NTIS (National Technical Information Service) <https://ntrl.ntis.gov/>  
More than 3 million titles, with full-text links to more than 800,000 titles
- NASA – NTRS <https://ntrs.nasa.gov/>
- Science.gov <https://www.science.gov>  
60 databases; 200 million pages
- DTIC (Defense Technical Information Center) <https://discover.dtic.mil/technical-reports/>
- USGS – Publications Warehouse <https://pubs.er.usgs.gov/>
- CRS Reports (from Congressional Research Service) <https://crsreports.congress.gov/>  
Concise reports of major policy issues
- HathiTrust <https://www.hathitrust.org>  
for its U.S. Federal Documents Collections, see: <https://www.hathitrust.org/u-s-federal-documents-collections> - more than 1.2 million items are full view
- TRAIL (Technical Report Archive & Imaging Library) <http://www.technicalreports.org/trail/search/>  
Focus is on reports issued from 14 federal agencies; includes more than 57,000 technical reports.
- Internet Archive <https://archive.org/>

Figure 3. U.S. Crude Oil and Petroleum Product Imports  
Average million barrels per day

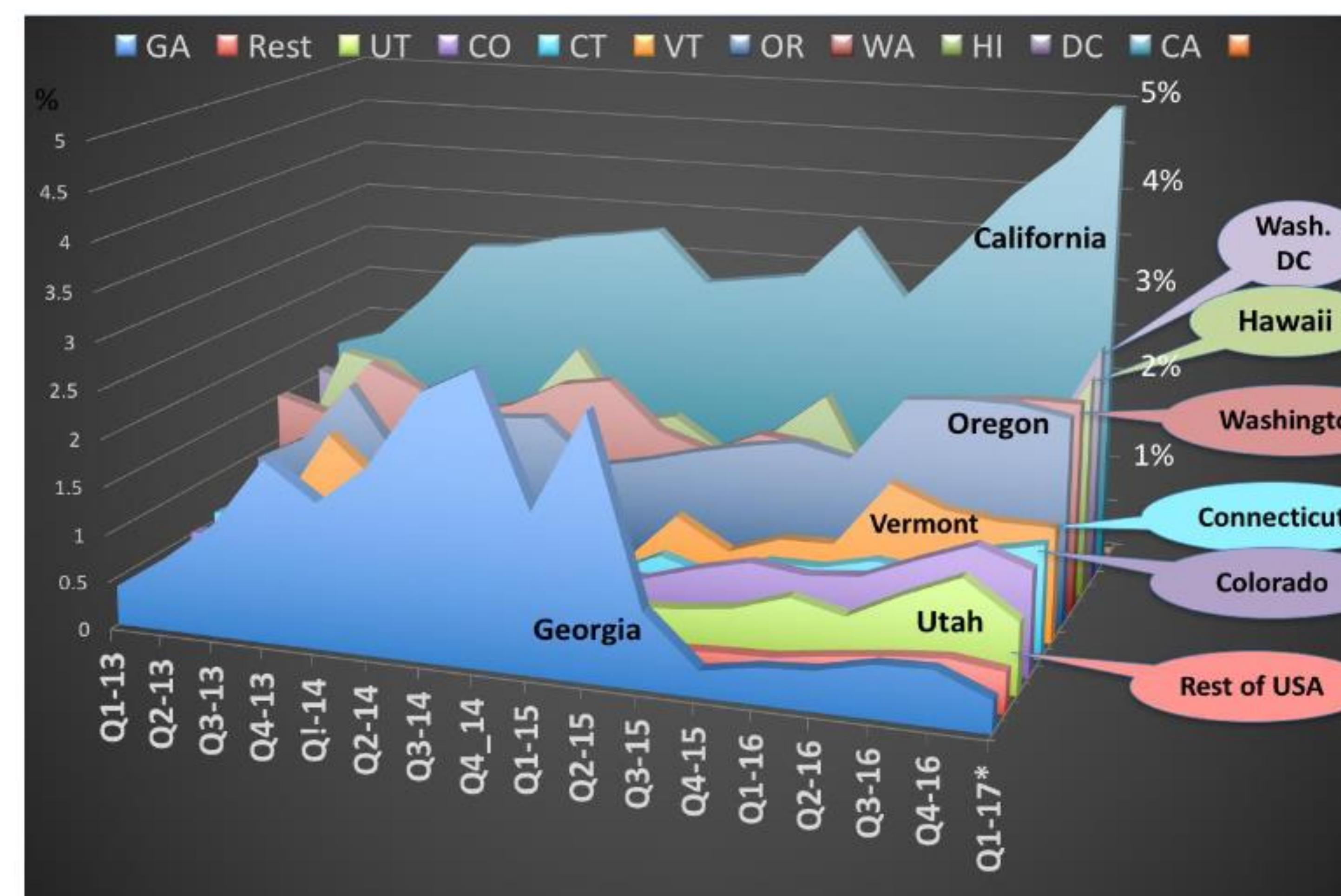
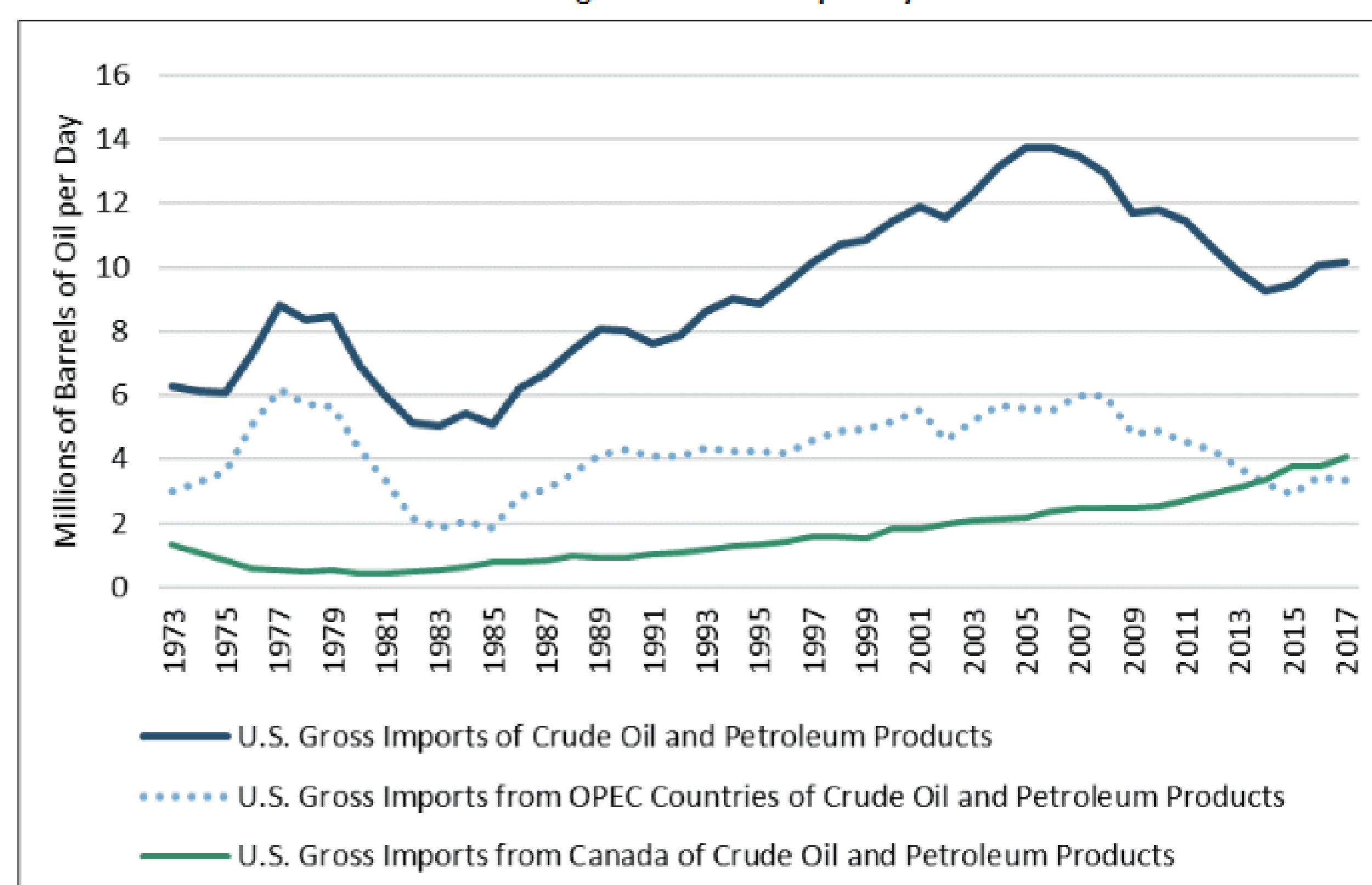


Figure 1. PEVs as a percentage of quarterly sales for light-duty vehicles in top ten U.S. states from Q1 2013 to Q1 2017.

From: State of the Plug-In Electric Vehicle Market, [https://steps.ucdavis.edu/wp-content/uploads/2018/02/STEPS\\_PHEV\\_NCST\\_Turrentine\\_Steering-EV-Transition\\_Final-White-Paper\\_July-2018.pdf](https://steps.ucdavis.edu/wp-content/uploads/2018/02/STEPS_PHEV_NCST_Turrentine_Steering-EV-Transition_Final-White-Paper_July-2018.pdf)