

## Where to get data for term papers?

For your first term paper you are going to estimate a Rotterdam or AIDS model, or both. Hence, you need data for at least 3 products. The data has to contain prices and quantities (or revenue = price x quantity), or expenditure shares and prices.

You can obtain data from published papers available online, which you can use for replication. Alternatively, you can access data from public sources such as SSB. Below are some examples of data sources.

### Source 1: Dominick's Dataset



The Dominick's Data is available at:

<https://www.chicagobooth.edu/research/kilts/datasets/dominicks>

You can choose one of the CATEGORY-SPECIFIC FILES. There is a link to [a data manual \(pdf\)](#)

Please note that it is more than 500 pages, and you only need the first 28 pages if you would like to print it.

Find a category you are interested in.

Download the upc.csv and movement.csv files.

For this example, I downloaded the Beer data files. The following [R code](#) will guide you through one example. Note that the most important issue is to pick/aggregate relevant products, and handle missing data if you have that.

The customer count file includes information about in-store traffic.

## THE CUSTOMER COUNT FILE

The demographics file consists of store-specific demographic data.

## THE STORE-LEVEL DEMOGRAPHICS FILE

At a more advanced level, it is possible to merge this information into each transaction, based on store id.

### Source 2: AEA Journals

The



<https://www.aeaweb.org/journals/>

Has several top tier journals that provide data (sometimes cod) from papers.

There is a searchable engine here: <https://ejd.econ.mathematik.uni-ulm.de/>

**Example: Wine data**

# Do Expert Reviews Affect the Demand for Wine?

Richard Friberg

Erik Grönqvist

AMERICAN ECONOMIC JOURNAL: APPLIED ECONOMICS

VOL. 4, NO. 1, JANUARY 2012

(pp. 193-211)

<https://www.aeaweb.org/articles?id=10.1257/app.4.1.193>

This is a link to the readme data pdf file and online appendix. Note that you have to register at OPENICPSR to be able to download the data.

Step 1: Click on Data set

## Additional Materials

[Data Set \(25.61 MB\)](#)



[Online Appendix \(127.49 KB\)](#)

Step 2: Click on Data

**Name**

[AEJApp-2010-1043 data](#)

[LICENSE.txt](#)



Step 3: Download data (here you have to register for free).

Name	File Type	Size	Last Modified	DOWNLOAD THIS FILE
friberg_gronqvist_wine_data.dta	application/octet-stream	59.5 MB	10/12/2019 03:53 PM	



Store the data where you can read it from R.

The following [R code](#) uses the data, does some simplistic data wrangling, and makes a simple data frame that could have been used in a project.

## Source 3: Journal of Applied Econometrics

The



<https://onlinelibrary.wiley.com/journal/10991255>

Start searching for “keywords”, this is the journal search for [demand system](#). Once you have identified an author + year, there is a searchable “author” engine here:

<http://qed.econ.queensu.ca/jae/authors.html>

### Example : Gasoline demand

The paper <https://onlinelibrary.wiley.com/doi/10.1002/jae.2651>

Here is the associated data: <http://qed.econ.queensu.ca/jae/2014-v29.2/chang-serletis/>  
and <http://qed.econ.queensu.ca/jae/2016-v31.3/ho-huynh-jacho-chavez/>

## Some public sources:

### 1. SSB data

SSB is the official statistics of Norway. You can get a lot of information from here. However, I guess most of you will work with import or export data. Then the link is given as flowing. Since it is pretty easy and straightforward to download the SSB data. I will not extend the discussion on how to use the data here.

<https://www.ssb.no/statistikbanken/selecttable/hovedtabellHjem.asp?KortNavnWeb=muh&CMSSubjectArea=utenriksokonomi&checked=true>

## **2. Eurostat trade data**

If you want to work with the EU import market (can be one of the EU members), you can try this link to Eurostat dataset. Here is an example how to access to trade data.

<http://epp.eurostat.ec.europa.eu/newxtweb/>

If I click this link, chose EU trade since 1988 by CN8 (you are free to select data by yourselves), I get the following pasted dataset. Click the “+” button just beside product-total, you get data in very detail, products associate with the Combined Nomenclature (CN), which corresponds to the Harmonized System (HS) plus a further breakdown at 8-digit Level; You can work with more aggregated level by just extending the product tree less, not until 8-digit.

Choose flow as import, since import is a derived demand from the EU consumption. You can click the right button “+” beside reporter to select the country and region (market) that you want to analyze, for example, French import market; You can click “+” beside partner to specify where the goods come from, e.g., US; Click “+” beside indicators to get volume and price; Click “+” beside period to choose the sample periods; The presentation of the table can also be changed according to your preferences. I hope you will investigate a little bit more by yourselves.

http://appsso.eurostat.ec.europa.eu/ Eurostat - Data Explorer

**EU trade since 1988 by CN8** [DS-016890]  
 Last update: 10-09-2014  
 Table Customization [show](#)

PERIOD: + REPORTER: + PARTNER: EU28\_EXTRA +  
 PRODUCT: + FLOW: IMPORT + INDICATORS: VALUE\_IN\_EUROS +  
 TOTAL: +

PERIOD	Jan. 2014	Feb. 2014	Mar. 2014	Apr. 2014	May. 2014	Jun. 2014	Jul. 2014
EU28 (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, UK)	144,053,060,333	131,343,949,566	139,248,876,554	138,024,620,586	140,472,139,113	:	:
EURO AREA 18 (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, UK)	107,787,850,028	99,048,035,299	104,351,935,437	102,465,278,040	103,596,402,302	:	:
BELGIUM (and LUXBG)	9,939,493,737	9,207,126,356	10,012,767,253	10,006,125,763	9,139,489,047	10,112,345,028	:
BULGARIA	830,862,287	683,267,835	736,449,527	853,952,106	905,901,633	779,735,598	:
CZECH REPUBLIC (CZ)	2,131,977,684	2,139,569,835	2,043,214,358	2,087,446,165	2,188,635,561	2,208,059,171	:
DENMARK	1,881,264,772	2,023,196,538	1,705,153,911	1,905,277,169	1,852,054,508	2,059,240,915	:
GERMANY (incl DD fr)	27,227,943,575	25,751,008,482	26,873,604,638	25,698,627,444	25,662,033,080	25,727,886,070	:
ESTONIA	187,568,621	188,226,292	218,506,294	217,168,782	208,925,578	211,537,008	:
IRELAND	1,372,777,723	1,177,196,099	1,613,842,834	1,434,268,009	1,391,612,758	1,296,457,479	:
GREECE	2,052,064,616	2,274,461,873	2,124,235,466	1,711,115,880	2,119,946,090	2,138,343,692	:
SPAIN	9,880,561,368	9,422,502,936	9,787,768,515	9,355,414,329	9,890,298,058	9,388,381,523	:
FRANCE	14,678,672,867	12,276,386,442	13,299,655,731	13,792,132,702	13,119,811,042	13,693,281,084	:
CROATIA	377,486,356	254,954,905	297,410,527	418,748,102	352,198,838	429,328,890	:
ITALY	13,603,387,305	12,583,622,591	12,483,798,631	12,668,887,802	13,612,588,287	12,898,575,319	:
CYPRUS	129,584,736	89,535,409	102,830,428	101,922,907	113,542,714	105,914,716	:
LATVIA	233,960,321	212,487,956	220,680,000	218,658,092	185,204,676	195,280,357	:
LITHUANIA	711,335,378	675,647,993	732,758,605	798,356,357	831,243,107	706,559,769	:
LUXEMBOURG	282,986,978	318,953,118	243,014,462	262,047,352	239,988,662	244,772,387	:
HUNGARY	1,597,653,751	1,431,575,100	1,691,340,556	1,626,560,734	1,798,806,835	1,728,737,890	:
MALTA	81,277,018	111,051,695	99,521,482	115,840,276	136,568,584	199,530,115	:
NETHERLANDS	20,276,986,140	18,418,798,313	20,337,203,956	19,419,919,114	20,282,287,601	19,511,596,324	:
AUSTRIA	2,876,677,249	2,777,407,937	2,559,871,197	2,694,647,378	2,686,521,880	2,647,924,116	:
POLAND	1,351,788,240	1,206,488,478	1,183,838,861	1,263,844,183	1,517,568,844	1,387,681,168	:

Special value: : not available  
 Source of data: Eurostat

### 3. International Trade Committee (ITC) US

If you want to work with the USA import market, you can try this link to ITC data.

<http://dataweb.usitc.gov/>

You have to create a user name and login in by your user name. It is free and takes only one or two minutes.

**Step 1:** select U.S import for consumption since this data is most close to consumer demand. Choose HTS items, since US has many different versions of data.

United States International Trade Commission

Main Menu  
Version 3.1.0

Create a New Query/Report:

Select Trade Type:	Select Classification System for List and Display	Select Years for Trade Data
<input checked="" type="radio"/> U.S. Imports For Consumption <input type="radio"/> U.S. Domestic Exports <input type="radio"/> U.S. General Imports <input type="radio"/> U.S. Total Exports <input type="radio"/> Trade Balance  Users : See <a href="#">A Note on U.S. Trade Statistics</a>	<p><b>Try This First!</b> Includes HTS, SIC, SITC, End-use, AG codes, and pre-defined country groups. Fast and easy!</p> <input type="radio"/> QUICK QUERY	<p><b>Years:</b></p> <input checked="" type="radio"/> Current U.S. Trade (1996-2014) <input type="radio"/> Historical Data (1989-1995)
<p><b>Advanced Searching</b> ONLY for using customized product or country "lists".</p> <input checked="" type="radio"/> HTS ITEMS <input type="radio"/> SIC CODES <input type="radio"/> SITC CODES <input type="radio"/> NAIC CODES <input type="radio"/> EXPERT MODE		

[Proceed With New Query](#)

Note: To start a new query click on "Proceed With New Query".

Run a report from a saved query:

Select User Saved Queries:	Download Report Directly to Excel: <input type="checkbox"/> (This will create an Excel file from your saved query.)	<a href="#">Run Report From Saved Query</a>  <a href="#">Delete Saved Query</a>
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Account: Would you like to store your password for usitc.gov? [Why am I seeing this?](#)

**Step 2:** Select the data to report both first unit of quantity and CIF import value, price can be computed by Value/quantity. Select aggregate level of HTS-6, since HTS-2 and HTS-4 cannot provide monthly or quarterly data. Keep all the options in an aggregate level unless you have your own specific interesting.

Most tricky thing is "Select All Commodities or a Pre-Defined List", click "Create a New Commodity List" and then we go to Step 3.

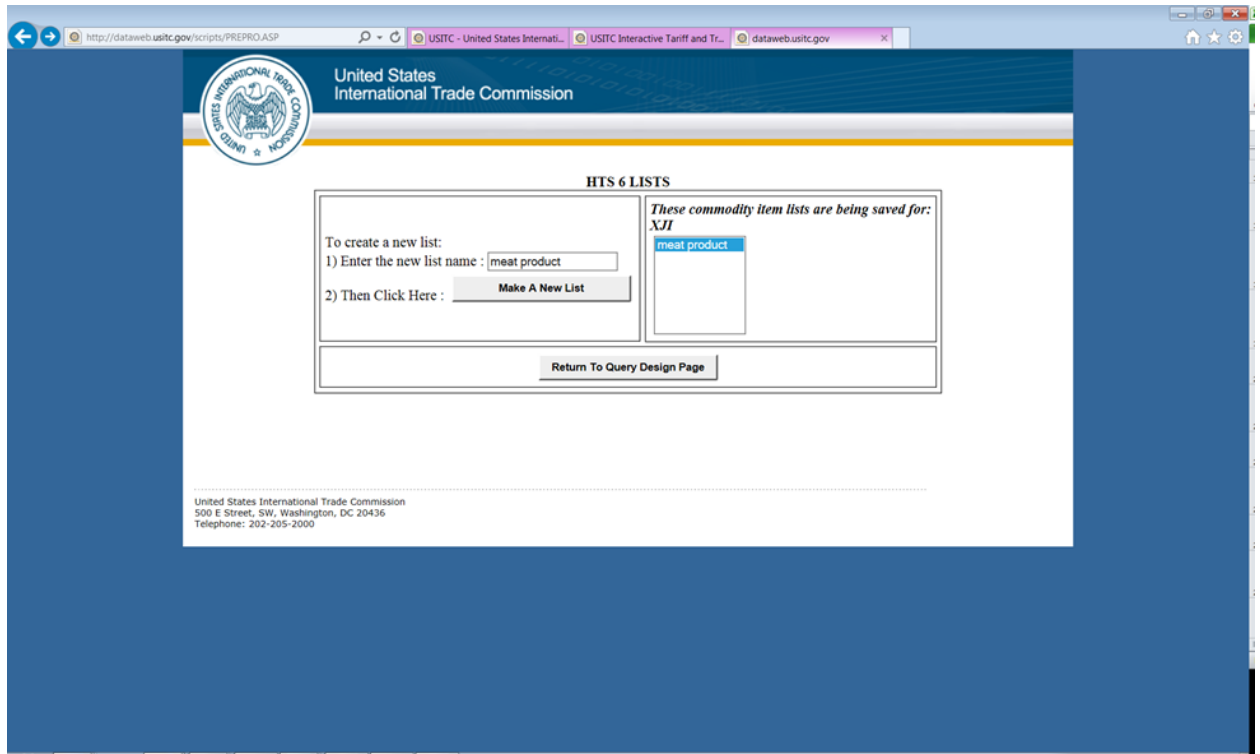
Proceed with New Query  
Query Design Page  
Version 3.1.0

U.S. Imports For Consumption

Data Selection	Data Presentation
<p>Select the Data to Report:</p> <ul style="list-style-type: none"> <li>First Unit of Quantity</li> <li>Second Unit of Quantity</li> <li>Landed Duty-Paid Value</li> <li>Dutiable Value</li> <li>Calculated Duties</li> <li>Import Charges</li> <li>CIF Import Value</li> </ul> <p>View Data Field Descriptions</p>	<p>Select Scale for Dollar or Quantity Values:</p> <ul style="list-style-type: none"> <li>Actual</li> <li><input checked="" type="radio"/> In 1,000</li> <li><input type="radio"/> In 1,000,000</li> <li><input type="radio"/> In 1,000,000,000</li> </ul>
<p>Select the Years to Display:</p> <ul style="list-style-type: none"> <li>2008</li> <li>2007</li> <li>2006</li> <li>2005</li> <li>2004</li> </ul>	<p>Select the Time-Line for the Report:</p> <ul style="list-style-type: none"> <li>Annual</li> <li>Annual + Year-to-Date</li> <li>Annual + Year-to-Last Quarter</li> <li>Quarterly</li> <li><input checked="" type="radio"/> Monthly</li> </ul>
<p>Select All Commodities or a Pre-Defined List:</p> <ul style="list-style-type: none"> <li>All Import Commodities</li> <li>HTSD6-IMP -- meat product</li> </ul> <p>Create a New Commodity List</p> <p>Edit Selection Delete Selection</p>	<p>Select Aggregate Level &amp; Type (HTS, AG, or End Use):</p> <ul style="list-style-type: none"> <li>HTS-6</li> <li>HTS-8</li> <li>HTS-10</li> <li>Ag-NonAG</li> <li>End Use 1</li> </ul> <ul style="list-style-type: none"> <li><input checked="" type="radio"/> Don't Display Description</li> <li><input type="radio"/> Display Commodity Description</li> </ul>
<p>Select All Countries or a Pre-Defined List:</p> <ul style="list-style-type: none"> <li>All Countries</li> <li>USITC CTRY GRP: AGOA2001</li> <li>USITC CTRY GRP: AGOA2002</li> <li>USITC CTRY GRP: AGOA2003</li> <li>USITC CTRY GRP: AGOA2004</li> </ul>	<p>Select Country Aggregation:</p> <ul style="list-style-type: none"> <li><input type="radio"/> Display Countries Separately</li> </ul>

**Step 3:** In the “Enter the new list name”, you type the commodity group that you like. For example here, I typed meat product, and named it as the meat product (or another name you like) in the right side. By doing that, you will get a list of meat products that you would like to include.





**Step 4:** Click Download Report Directly to Excel

USITC - United States International Trade Commission

USITC Interactive Tariff and Trade Data Web

11.1.50

Data Conditions	Report Selections
<p><b>Select the Values for First Sort:</b></p> <p>FIRST UNIT OF QUANTITY</p> <p><input type="radio"/> Ascending</p> <p><input checked="" type="radio"/> Descending</p> <p><input type="radio"/> Show All Records</p> <p><input checked="" type="radio"/> Top 15 Values</p> <p>Total Number of Records to Display (Max 5000):</p> <p>500</p>	<p><input checked="" type="radio"/> Display Grid</p> <p><input type="radio"/> Don't Display Grid (Useful for faster printing)</p> <p>Display Key Variable Names:</p> <p><input checked="" type="radio"/> On the First Line of Each Group</p> <p><input type="radio"/> On Every Line (Useful for Spreadsheets)</p> <p><input checked="" type="checkbox"/> Enable Sub-Totals</p> <p><input type="checkbox"/> Suppress Zero Values</p> <p><input type="checkbox"/> Display Commodity List</p> <p>Select Font Size for Report:</p> <p><input type="radio"/> One</p> <p><input type="radio"/> Two</p> <p><input checked="" type="radio"/> Three</p> <p><input type="radio"/> Four</p> <p><input type="radio"/> Five</p> <p><input type="radio"/> Six</p>
<p>Download Report Directly to Excel:</p> <p><input checked="" type="checkbox"/></p> <p>(This will create your report as an Excel file)</p>	
<p>To Run the Report Click the Button Below:</p> <p><input type="button" value="Run Report"/></p>	<p>If you want to display the report in "Printable Format" (No download instructions etc. displayed) click here: <input type="checkbox"/></p>

You get the data in excel form:

