

Appendix for NAICS Bridges, 2007 to 2002, 2002 to 1997

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This memo serves as a detailed description for the bridges necessary between NAICS 2007 to NAICS 2002, and NAICS 1997 to NAICS 2002.

Part I: NAICS 2007 to NAICS 2002

To address this bridge, backwards mapping was required from NAICS 2007 (representing 2008 – 2013 data) to NAICS 2002 (representing 2003 – 2007 data). The U.S. Census changes between NAICS 2002 and NAICS 2007 are relatively minor, with most industries remaining the same or cleanly mapping into a new industry while discontinuing the old. Key changes as reported by the U.S. Census (http://www.census.gov/econ/census07/www/whats_new_for_2007/new_and_changing_industries.html) include the following:

There are several new and changing industries. The 2007 North American Industry Classification System (NAICS) introduced two new industries: *Research and Development in Biotechnology* (541711) and *Executive Search Services* (561312).

Several industries in the *Information* sector have been consolidated:

- *Paging* is now included in *Wireless Telecommunication Carriers (except Satellite)*.
- *Cable and Other Program Distribution* and most of *Internet Service Providers* are now included in *Wired Telecommunication Carriers*.
- *Web Search Portals* are now included in *Internet Publishing and Broadcasting and Web Search Portals*.

Also, *Real Estate Investment Trusts* have been dispersed and mostly moved from the *Finance and Insurance* sector to the *Real Estate and Rental and Leasing* sector.

To view more information on these and other industry classification changes, see [2002 NAICS U.S. Matched to 2007 NAICS U.S.](#) [XLS 158KB].

Most of the changes have no effect on the U.S. Cluster Mapping 2014 clusters because industries often remain in the same subcluster. There are three notable exceptions to this that are mentioned in Table 1.

**Table 1: Changes of Note for the U.S. Cluster Mapping Project,
NAICS 2007 – NAICS 2002**

NAICS 2007	NAICS 2002
517110 (cluster: Local Utilities; subcluster: Communication Services)	518111 (cluster: Local Utilities; subcluster: Communication Services)
517919 (cluster: Communication Equipment and Services; subcluster: Communication Services)	
Parts of the following 2007 NAICS codes map back to 2002 NAICS code 339111, which was discontinued in 2007.	
333298 (cluster: Production Technology and Heavy Machinery; subcluster: Industrial Machinery)	339111 (cluster: Furniture; subcluster: Institutional Furniture), discontinued in 2007
333415 (cluster: Production Technology and Heavy Machinery; subcluster: Air Handling Equipment)	
333994 (cluster: Production Technology and Heavy Machinery; subcluster: Process Equipment and Components)	
333997 (cluster: Production Technology and Heavy Machinery; subcluster: Process Equipment and Components)	
337127 (cluster: Furniture; subcluster: Furniture)	
339113 (cluster: Medical Devices; subcluster: Surgical and Dental Instruments and Supplies)	
Parts of the following 2007 NAICS codes map back to 2002 NAICS code 525930, which was discontinued in 2007.	
525990 (cluster: Financial Services; subcluster: Financial Investment Activities)	525930 (cluster: Financial Services; subcluster: Financial Investment Activities), discontinued in 2007
531110 (cluster: Local Real Estate, Construction, and Development; subcluster: Real Estate Services)	
531120 (cluster: Local Real Estate, Construction, and Development; subcluster: Real Estate Services)	
531130 (cluster: Local Logistical Services; subcluster: Warehousing Services)	
531190 (cluster: Local Real Estate, Construction, and Development; subcluster: Real Estate Services)	

Part II: NAICS 2002 to NAICS 1997

To address this bridge, backwards mapping was required from NAICS 2002 (representing 2003 – 2007 data) to NAICS 1997 (representing 1998 – 2002 data). The changes from NAICS 1997 to NAICS 2002 are more extensive than from NAICS 2002 to NAICS 2007. A summary of changes can be found at the U.S. Census (<http://www.census.gov/econ/census02/text/sector00/naicschanges.htm>). Most of the changes do not affect the U.S. Cluster Mapping 2014 clusters because the same subcluster can still represent any industry changes. Table 2 below represents key changes.

NAICS Sector 23, Construction

The 1997 NAICS codes for Construction industries were restructured for the NAICS 2002 to more accurately reflect the activities in the economy. The industry codes from NAICS 1997 (233, 234, and 235) were reallocated in different proportions to the new categories for NAICS 2002 (236, 237, and 238). Because the old and new industries remain in the same subclusters, this change should not greatly affect the U.S. Cluster Mapping 2014 clusters. Please refer to Table 2 below.

Table 2: Changes of Note for the U.S. Cluster Mapping Project, NAICS 2002 – NAICS 1997, NAICS Sector 23, Construction

NAICS Sector 23, Construction	Key Industry Changes
For the 2002 Economic Census, there were substantial revisions made to the entire construction sector. Each subsector from 1997 has been reclassified in 2002 to:	Construction of Buildings (236)
	Heavy and Civil Engineering Construction (237)
	Specialty Trade Contractors (238)
This sector (Construction) also adopted several mining industries:	Oil and gas pipeline and related structures construction is now in industry 237120.
	Site preparation and related construction activities on a contract or fee basis are now in industry 238910.
The sector also adopted part of industry 561720 (Janitorial Services) in the Administrative and Support and Waste Management and Remediation Services sector:	Cleaning buildings interiors during and immediately after construction is now in industry 238990.
The only exception in the 1997 to 2002 NAICS codes for Construction industries where the industries were not in the same	This is broken into NAICS 2002 codes 237310 Highway, Street, and Bridge Construction (cluster: Local Real Estate, Construction, and Development; subcluster: Highway and Street Construction) and 237990 Other Heavy and Civil Engineering Construction (cluster:

subcluster is NAICS 1997 code 234120 Bridge & Tunnel Construction:	Construction Products and Services; subcluster: Construction).
	NAICS 1997 code 234120 Bridge & Tunnel Construction was placed in cluster Local Real Estate, Construction, and Development; subcluster Highway and Street Construction.

NAICS Sector 42, Wholesale Trade

The 1997 NAICS codes for Wholesale Trade industries were restructured for the NAICS 2002 to more accurately reflect the activities in the economy. The industry codes from NAICS 1997 were reallocated in different proportions to the new categories for NAICS 2002 to account for the new presence of online retailing. Because the old and new industries remain in the same subclusters, this change should not greatly affect the U.S. Cluster Mapping 2014 clusters.

Under the 1997 NAICS, Wholesale Trade was comprised of two subsectors: 421, Wholesale Trade, Durable Goods, and 422, Wholesale Trade, Nondurable Goods. In addition, the U.S. Census Bureau presented data in the Wholesale Trade sector by three type-of-operation categories: 1) Merchant wholesalers, 2) Manufacturers' sales branches and offices, and 3) Agents, brokers, and commission merchants. Under the 2002 NAICS, to recognize production differences in some types of operation, the Wholesale Trade sector was reorganized into three subsectors: 423, Merchant Wholesalers, Durable Goods; 424, Merchant Wholesalers, Nondurable Goods; and 425, Wholesale Electronic Markets and Agents and Brokers.

The 2002 NAICS industry definitions for Merchant Wholesalers in subsectors 423 and 424 include type-of-operation categories for manufacturers' sales branches and offices, as well as the 1997 Census Bureau-defined merchant wholesalers. Agents and brokers are defined as a separate NAICS industry in subsector 425 and are no longer included in the type-of-operation structure. For 2002, data are presented by two type-of-operation categories: 1) Merchant wholesalers, except manufacturers' sales branches and offices, and 2) Manufacturers' sales branches and offices. In Comparative Statistics, 1997 data are replaced with "N" for some industries where changes 1997 to 2002 in census implementation of NAICS classifications shifted significant operations between wholesale trade and retail trade.