

North American Product Classification System (NAPCS) Revision and Implementation

Fay Dorsett

Methodology Director, Economic Classification, U.S. Census Bureau

Co-Chair, U.S. Economic Classification Policy Committee

NAPCS

- 2022 North American Product Classification System (NAPCS) is second vintage of system
- Revised every five years **with the North American Industry Classification System (NAICS)**
- Reference classification allows for flexibility in implementation
- Demand concept: products of NAICS industries, grouped by use
- Six-level structure, with 24 sections at highest level and over 1,100 trilateral products at the lowest level, with further national detail

U.S. NAPCS Implementation

- U.S. implementation via 2017 and 2022 NAPCS collection structures (unique 10-digit codes in two-level broad and detail product structure)
- Broad products map into the most detailed trilateral NAPCS products (one-to-one or many-to-one relationship)
- 2017 NAPCS data releases and use
 - 2017 Economic Census NAPCS collection product data released in November 2020
 - 2018 to 2021 Annual Survey of Manufactures NAPCS collection product data released through December 2022
 - 2018 to 2020 Import/Export data on NAPCS collection product basis released in August 2022 and May 2023
 - 2017 NAPCS collection product data used in determining weights for Producer Price Indexes (January 2023) and as input to National Accounts Benchmark Release (September 2023)
- 2022 implementation underway in 2022 Economic Census
 - 2022 NAPCS collection product data scheduled for release in September 2025

NAPCS for Canada and Mexico

- NAPCS Canada is a departmental standard
- NAPCS Canada consists of unique (3-, 5-, 6-, and 7-digit) codes in four-level structure
- The most detailed categories of NAPCS Canada map into the most detailed trilateral NAPCS products
- Mexico was heavily involved in NAPCS development through the TSC
- Mexico offers its perspective on revisions
- Mexico's product classification system to be released in December 2023
 - Sistema de Clasificación de Productos de México 2023 (SCPM)
 - Supply-side orientation

Primary Partners in NAPCS Revision

- National (U.S.)
 - Classification Development Staff
 - U.S. Economic Classification Policy Committee (ECPC)
 - U.S. Office of Management and Budget (OMB)
- Trilateral
 - Trilateral Steering Committee (TSC) on NAICS and NAPCS
 - Statistics Canada
 - INEGI
 - U.S. ECPC

2027 NAPCS Revision Timeline

2027 NAPCS Revision Timeline	2023/4	2025	2026	2027
Review 2022 NAPCS data and develop emerging 2027 revision issues	X	X		
Develop and negotiate trilateral revision recommendations		X		
Carry changes to NAPCS			X	
Release 2027 NAPCS				X

NAPCS Revisions

- Types of revisions include:
 - Restructuring
 - New products (national, trilateral)
 - Consolidation of products
 - New examples, cross-references, definitional and title clarifications
- Maintain time series continuity and trilateral levels of agreement to the greatest extent possible
- Maintain/improve concordances with HS and EBOPS

2022 NAPCS Revision Summary

- Few high-level structural changes (consolidation of one of 60+ subsections; three of 160+ divisions)
- Net scope contraction of Section 67 – Materials and supplies for production and related products
- More pronounced changes at lower NAPCS hierarchy levels
- Roughly equal number of trilateral product merges and splits
- 2022 U.S. NAPCS collection products
 - New biobased products, including biobased thermoplastic resins and plastics, thermosetting resins and plastics, plastic bottles, and biodiesel fuels
 - New rebuilt and remanufactured products for various manufacturing
 - New marijuana / cannabis products, including manufactured, wholesaling, and retailing
 - Less detail for manufactured products

Emerging 2027 NAPCS Issues

- Similar to NAICS:
 - Bioeconomy goods and services
 - Environmental goods and services
 - Intermediation services
 - Electric vehicles, EV charging station equipment and services
 - Cryptocurrencies and financial technology activities
- NAICS proposals sometimes better suited for NAPCS

NAPCS to HS and EBOPS Concordances

- 2017 NAPCS to 2012 HS/2010 EBOPS Concordance
- 2017 NAPCS to 2017 HS Concordance
- 2019 – 2021 HS to 2017 NAPCS Collection Product Concordances for:
 - 2019 Manufacturing and International Trade Report (MITR) released August 2022
 - 2020 MITR released May 2023
 - 2021 MITR to be released later in 2023
- Conversions to 2022 NAPCS in progress

U.S. NAPCS Website

<https://www.census.gov/naics/napcs/>

An official website of the United States government



North American Product Classification System

Main

NAPCS
History

NAPCS
Structure

FAQs

What's
New

NAICS

Introduction to NAPCS

The North American Product Classification System (NAPCS) is a comprehensive, market- or demand-based, hierarchical classification system for products (goods and services) that (a) is not industry-of-origin based but can be linked to the NAICS industry structure, (b) is consistent across the three North American countries, and (c) promotes improvements in the identification and classification of service products across international classification systems, such as the Central Product Classification System of the United Nations. For more information, see discussion paper, "[Overview of NAPCS Objectives, Guidance, and Implementation Strategy and Goals: A United States Perspective](#)." The three countries agreed that the objectives and principles articulated in sections A through C of that paper define the purposes of NAPCS and the operational guidelines for creating it. Also see additional papers under the [NAPCS History](#) tab and Frequently Asked Questions about NAPCS under the [FAQs](#) tab.

[View more](#)

2017 NAPCS Structure [\[XLSX 257KB\]](#)

2022 NAPCS Structure [\[XLSX 83KB\]](#)

2022 to 2017 NAPCS Concordance [\[XLSX 79KB\]](#)

2017 to 2022 NAPCS Concordance [\[XLSX 79KB\]](#)

2017 NAPCS Definitions [\[XLSX 725KB\]](#)



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Economic Census: NAPCS-Based Codes & Understanding Product Classification Systems

Product Classification

History of the North American Product Classification System

The North American Product Classification System (NAPCS) is a comprehensive, market- or demand-based, hierarchical classification system for products (goods and services) that (a) is not industry-of-origin based but can be linked to the NAICS industry structure, (b) is consistent across the three North American countries, and (c)

Related Information

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fay.dorsett@census.gov