



**ITDS Product Information Committee  
MEETING MINUTES**

**Wednesday, November 5, 2008**

**10:00 AM – 12:00 PM**

**Location: USDA, Room 3074**

The regular November meeting of the ITDS Product Information Committee (PIC) was called to order by the Chairman on November 5, 2008, at 10:04 AM ET in Washington, DC, and by teleconference. The following members were present in the meeting room or on the phone:

<b>Member</b>	<b>Agency</b>
Douglas Bailey	USDA/AMS, Chair
Max Castillo, Jr.	FDA/ITDS
Wesley Chen	EPA
John Blachere	Consumer Product Safety Commission
Michiko Shaw	USDA/AMS
Dean Kastner	USDA/AMS
John Calabrese	IRS
Candace Funk	USDA/APHIS
Cornelia Mueller	USDA/APHIS
Teresa Martinez	USDA/APHIS
Mary Stanley	USDA/FSIS
Marianne Rowden	American Association of Exporters and Importers
Stephen Arens	GS1 US
Mike Kelley	USDA/FSIS*
Susan Dyszel	DHS*
Jennifer Murphy	DHS*
Jim Joholske	Consumer Product Safety Commission*
LuAnn Alspach	DOJ*
Mara Alexander	U.S. International Trade Commission*
Virginia McPherson	CBP*
Margaret Irwin	American Trucking Association*
Chakris Raungtriphop	DHS*
Timothy Marsh	Pfizer*

\* Participated by phone

The issues below were presented and discussed, but not necessarily in the following order.

OPENING REMARKS ----- BAILEY

Mr. Bailey opened the meeting by asking those present or on the phone to introduce themselves and indicate the participating government agency (PGA) or trade group that they were representing. Mr. Stephen Arens of GS1 US was then introduced to review the capabilities of the United Nations Standardized Product and Services Code (UNSPSC).

PRESENTATION OF CAPABILITIES ----- ARENS

The presentation reviewed by Mr. Arens is attached to these minutes along with the completed Capabilities Profile questionnaire. The presentation reviews the background, structure, and industry participation in the United Nations Standardized Product and Services Code (UNSPSC). Mr. Arens also explained that the United Nations Development Programme contracts with GS1 US to maintain the UNSPSC, but the code system belongs to the United Nations, not GS1 US.

QUESTION AND ANSWER PERIOD----- ALL MEMBERS

Questions were raised by members during and after the presentation. These questions included the following:

Although the UNSPSC began as a product classification system sponsored by Dun and Bradstreet before the United Nations assumed control, there is no involvement by Dun and Bradstreet in the system today, nor is there any relationship between GS1 and Dun and Bradstreet.

The question was asked if government efforts to add attributes to dictionaries have ever been blocked by industry. UNSPSC responded that over 95 percent of all change requests are approved, and those that fail normally do so for technical reasons.

Product characterizations are only one set of data to be available to PGAs to use in making jurisdiction and admissibility decisions. Other complementary data such as the intended use for the product, the party supplying and importing the product should also be considered by the PGAs. Party identification is being reviewed by the PGA Support Committee.

SUMMARY OF ACTION ITEMS----- BAILEY

After all questions had been answered, Mr. Bailey reminded members that the next meeting would be with the GS1 Global Product Classification representatives on November 17 at 10:30 AM ET. Following that meeting, the committee will next meet with representatives of eCI@ss on December 3 at 10 AM ET.

Mr. Bailey called for final questions or comments, and hearing none, adjourned the meeting at approximately 11:50 AM.

Attachments

- Presentation Slides
- Capabilities profile
- Membership Count by Country List



# United Nations Standard Products and Services Code (UNSPSC) Overview





# Agenda

- UNSPSC Background
- UNSPSC Overview
- UNSPSC Member and User Communities
- UNSPSC Support and Resources
- Questions



# The United Nations Standard Products and Services Code (UNSPSC)

- Used to classify products and services
  - Provides a structure or framework for product classification
  - Provides a way to categorize products and services to help users organize products for catalogs, databases and listings
- An open, global, multi-industry standard
- Owned by the United Nations Development Programme (UNDP) and managed by GS1 US
- 2008 - 10<sup>th</sup> Anniversary of the launch of UNSPSC





# UNSPSC is Designed to Facilitate Electronic Commerce

- Facilitates spending / procurement analysis
- Enables streamlining and controlling the procurement process
- Facilitates organizing products and services in catalogs / directories
- Accepted and used globally by suppliers, buyers and solution providers



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Classification in use

[SourceTool.com](#) is the speediest, most relevant, most user-friendly free business to business search engine on the Internet. It is the only business to business search engine whose Directory is based on the United Nations Standard Products and Services Code (UNSPSC), which provides the most efficient, flexible and accurate classification of goods and services available (see [What is UNSPSC](#)). To use the SourceTool.com directory to find a supplier from other parts of the world, especially North America and Europe, follow this link to the [SourceTool Directory](#).

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## Sourcetool Global Business to Business Directory

These are the product and service categories associated with the UNSPSC major heading Industrial Manufacturing and Processing Machinery and Accessories

[Abrasive compounds](#)[Abrasive jet machining equipment](#)[Adapters or connectors or fittings for pharmaceutical filter housings](#)[Adhesive or glue application systems](#)[Adjustable fence](#)[Adsorber vessel](#)[Adsorption and ion exchange](#)

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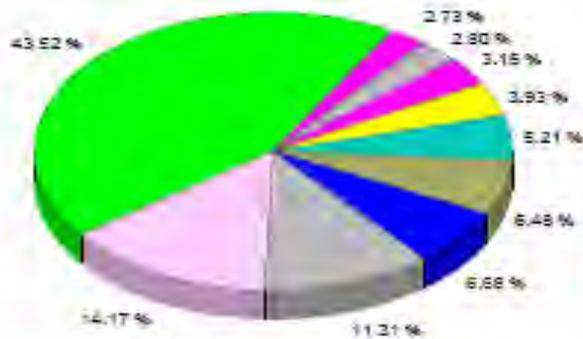
# Top 10 UNSPSC Commodities

UNSPSC IN USE

## Spend Visibility - Top 10 UNSPSC Commodities

Member: Ministry Health Care

Facility: (ALL)



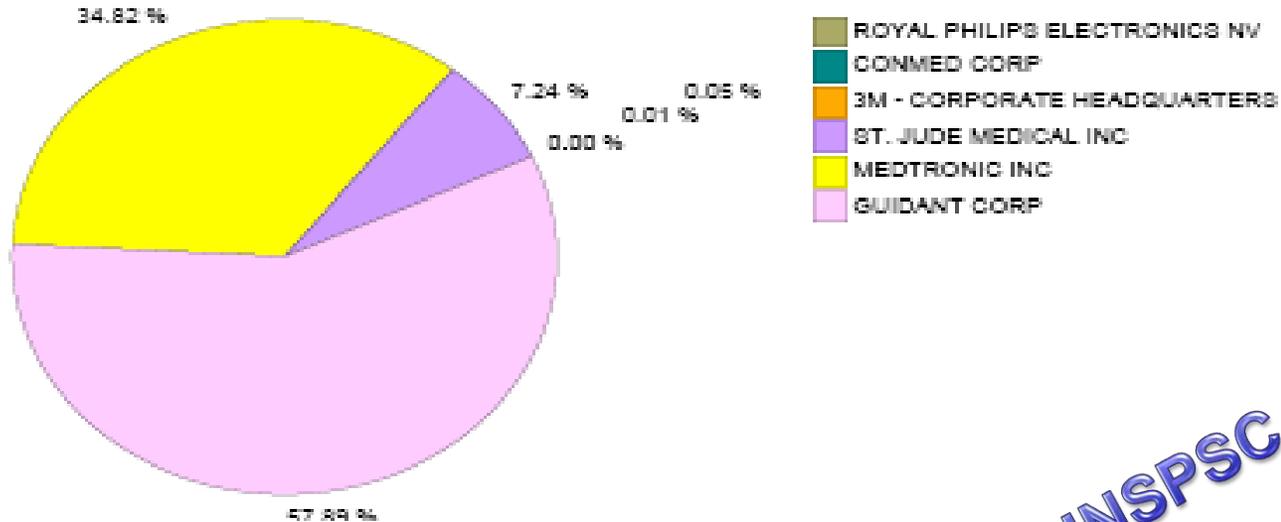
ORTHOPEDIC IMPLANTS OR SURGICAL WIRES 4229507
CARDIAC PACEMAKER GENERATORS OR IMPLANTABLE DEFIBRILLATORS OR ACCESSORIES 42203601
CORONARY STENTS 42203401
SYRINGE PUMPS 41105104
DIAGNOSTIC OR INTERVENTIONAL VASCULAR CATHETERS OR SETS 42203402
CARDIOVASCULAR IMPLANTS 4229501
VASCULAR SEALING DEVICES 42201840
NEUROSURGICAL IMPLANTS 4229504
PERIPHERAL OR BILIARY STENTS 42203412
SUTURE 42312201

UNSPSC	Commodity	# Mins	# Items	Spend	% of Top 10 Spend	% of Total Spend
4229507	ORTHOPEDIC IMPLANTS OR SURGICAL WIRES	26	3,968	\$10,279,470.99	43.52 %	21.14 %
42203601	CARDIAC PACEMAKER (GENERATORS OR IMPLANTABLE DEFIBRILLATORS OR ACCESSORIES)	8	44	\$3,347,522.00	14.17 %	6.86 %
42203401	CORONARY STENTS	5	83	\$2,672,586.00	11.31 %	5.50 %
41105104	SYRINGE PUMPS	1	2	\$1,575,690.30	6.66 %	3.25 %
42203402	DIAGNOSTIC OR INTERVENTIONAL VASCULAR CATHETERS OR SETS	39	566	\$1,530,193.16	6.48 %	3.15 %
4229501	CARDIOVASCULAR IMPLANTS	18	208	\$1,231,395.57	5.21 %	2.53 %
42201840	VASCULAR SEALING DEVICES	2	2	\$929,036.00	3.93 %	1.91 %
4229504	NEUROSURGICAL IMPLANTS	8	88	\$744,106.33	3.15 %	1.52 %
42203412	PERIPHERAL OR BILIARY STENTS	9	151	\$662,387.72	2.80 %	1.36 %
42312201	SUTURE	8	625	\$644,481.16	2.73 %	1.33 %
Total Spend - Top 10 UNSPSC Commodities				\$28,620,888.24	100.00 %	48.67 %
Other Spend				\$25,019,518.90		61.48 %
Total Spend				\$48,639,888.84		100.00 %



# Cardiac Pacemaker/Defibrillator – UNSPSC 42203501

**UNSPSC** 42203501  
**Commodity** CARDIAC PACEMAKER GENERATORS OR IMPLANTABLE DEFIBRILLATORS OR ACCESSORIES  
**Spend** \$3,347,822.00



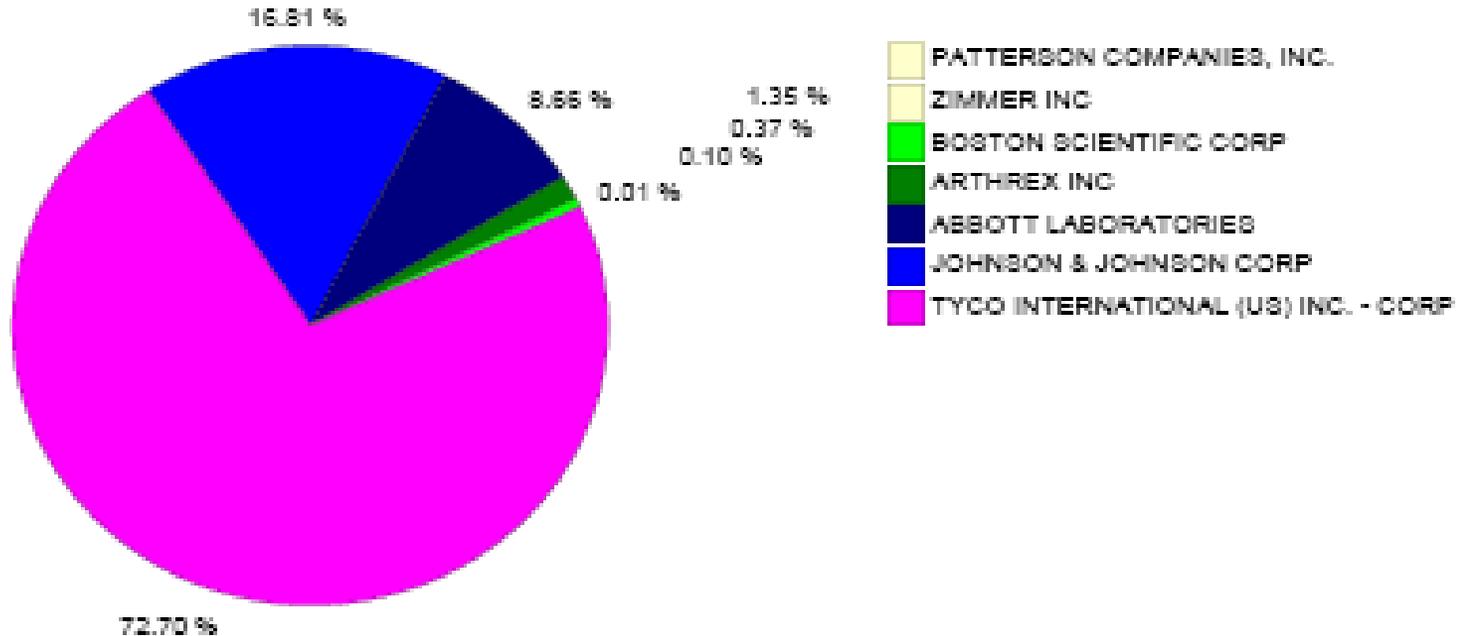
**UNSPSC IN USE**



# Suture – UNSPSC 4231201

**UNSPSC IN USE**

UNSPSC 42312201  
Commodity SUTURE  
Spend \$644,481.15



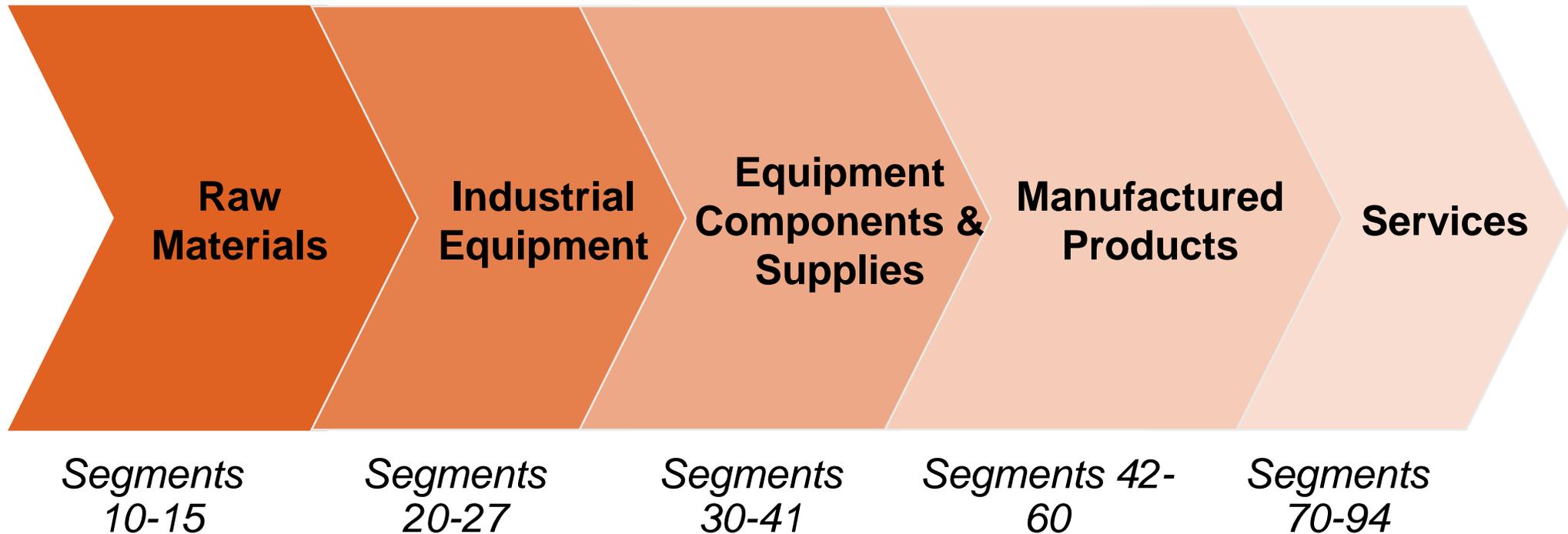


# UNSPSC Mission

- The UNSPSC will be actively marketed and made freely available to the world community.
- Code development will be based upon policies, structures and processes that foster collaboration and consensus within and between industries and with international standards efforts.
- The code will be enhanced, translated and maintained through active involvement of volunteer industry domain experts.
- Quality and availability of the code will be ensured through a fair, robust and open maintenance process.



# Codeset Continuum





# UNSPSC Segments

## Raw Materials

- Live Plant and Animal Material and Accessories and Supplies
- Mineral and Textile and Inedible Plant and Animal Materials
- Chemicals including Bio Chemicals and Gas Materials
- Resin and Rosin and Rubber and Foam and Film and Elastomeric Materials
- Paper Materials and Products
- Fuels and Fuel Additives and Lubricants and Anti corrosive Materials



# UNSPSC Segments

## **Industrial Equipment**

- Mining Machinery and Accessories
- Farming and Fishing Forestry and Wildlife Machinery and Accessories
- Industrial Manufacturing and Processing Machinery and Accessories
- Material Handling and Conditioning and Storage Machinery and Accessories and Supplies
- Power Generation and Distribution Machinery and Accessories
- Tools and General Machinery
- Building and Construction Machinery and Accessories
- Commercial and Military and Private Vehicles and Accessories and Components

## **Equipment Components & Supplies**

- Structures and Building and Construction Components and Supplies
- Manufacturing Components and Supplies
- Electronic Components and Supplies
- Lighting and Electrical Accessories and Supplies
- Distribution and Conditioning Systems and Equipment and Components
- Laboratory and Measuring and Observing and Testing Equipment



# UNSPSC Segments

## Manufactured Products

- Medical Equipment and Accessories and Supplies
- Communications and Computer Equipment Peripherals and Components and Supplies
- Office Equipment and Accessories and Supplies
- Printing and Photographic and Audio Visual Equipment and Supplies
- Defense and Law Enforcement and Security and Safety Equipment and Supplies
- Cleaning Equipment and Supplies
- Service Industry Machinery Equipment and Supplies
- Sports and Recreational Equipment and Supplies and Accessories
- Food Beverage and Tobacco Products
- Drugs and Pharmaceutical Products
- Domestic Appliances and Supplies and Consumer Electronic Products
- Apparel and Luggage and Personal Care Products
- Timepieces and Jewellery and Gemstone Products
- Published Products
- Furniture and Furnishings
- Musical Instruments and Games and Toys and Arts and Crafts and Educational Equipment and Materials and Accessories and Supplies



# UNSPSC Segments

## Services

- Farming and Fishing and Forestry and Wildlife Contracting Services
- Mining and Oil and Gas Drilling Services
- Building and Construction and Maintenance Services
- Industrial Production and Manufacturing Services
- Industrial Cleaning Services
- Environmental Services
- Transportation and Storage and Mail Services
- Management and Business Professionals and Administrative Services
- Engineering and Research and Technology Based Services
- Editorial and Design and Graphic and Fine Art Services
- Public Utilities and Public Sector Related Services
- Financial and Insurance Services
- Healthcare Services
- Education and Training Services
- Travel and Food and Lodging and Entertainment Services
- Personal and Domestic Services
- National Defense and Public Order and Security and Safety Services
- Politics and Civic Affairs Services
- Organizations and Clubs



# UNSPSC Hierarchy / Levels

- **Commodity:** Products, goods, or services which are bought sold or otherwise exchanged in world marketplaces at the local, national, regional or global levels
- **Class:** A group of commodities sharing common characteristics
- **Family:** A commonly recognized group of inter-related classes
- **Segment:** The logical aggregation of families for analytical purposes

# Classification Example

## Hierarchy

## Category Number and Name

### **Segment**

**44** Office Equipment and Accessories and Supplies

### **Family**

**10** Office machines and their supplies and accessories

**11** Office and desk accessories

**12** Office supplies

### **Class**

**15** Mailing supplies

**16** Desk supplies

**17** Writing instruments

### **Commodity**

**04** Ball Point Pens



44121704 – Ball Point Pens



## UNSPSC V 11.05.01 (September 2008)

- 40,289 total items
  - 55 Segments
  - 383 Families
  - 3,057 Classes
  - 36,794 Commodities
- Each new version contains about 400 to 600 new items approved by the Members
  - Recent version reflected higher than normal additions due to potential needs for detailed fruit and vegetable information



# UNSPSC Mission

- The UNSPSC will be actively marketed and made freely available to the world community.
- Code development will be based upon policies, structures and processes that foster collaboration and consensus within and between industries and with international standards efforts.
- The code will be enhanced, translated and maintained through active involvement of volunteer industry domain experts.
- Quality and availability of the code will be ensured through a fair, robust and open maintenance process.



# UNSPSC Members and Users

- UNSPSC has 4107 Segment Members representing over 700 companies, trade associations and governments
- Beyond UNSPSC's Members there are thousands of global users in businesses and governments using the UNSPSC codeset on a daily basis



# Examples of U.S. UNSPSC Member Companies / Organizations

<b>3M</b>	<b>Caterpillar</b>	<b>EDS</b>	<b>Moog</b>	<b>Staples</b>
<b>Aetna</b>	<b>Con Edison</b>	<b>General Motors</b>	<b>Motorola</b>	<b>Sun Microsystems</b>
<b>American Express</b>	<b>Continental Airlines</b>	<b>Houghton Mifflin</b>	<b>Northrup Grumman</b>	<b>Bemis Corporation</b>
<b>Anheuser Busch</b>	<b>Danaher</b>	<b>ITT</b>	<b>Office Depot</b>	<b>Dun &amp; Bradstreet Corporation</b>
<b>Ariba Software</b>	<b>Dell</b>	<b>J&amp;J</b>	<b>Owens Corning</b>	<b>U.S. Steel</b>
<b>Cardinal Health</b>	<b>Dow Chemical</b>	<b>Mars</b>	<b>Pfizer</b>	<b>IBM</b>
<b>Ingersoll Rand</b>	<b>DuPont</b>	<b>Microsoft</b>	<b>State of New York</b>	<b>Delphi</b>
<b>Carlson Companies</b>	<b>Milliken</b>	<b>Mastercard</b>	<b>Agere</b>	<b>Department of Homeland Security</b>



# Examples of International UNSPSC Member Companies / Organizations

**Schlumberger**

**Government of India**

**Government of Newfoundland and Labrador**

**Canadian Coast Guard**

**BHP Billiton**

**Republic of Korea**

**HM Revenue & Customs**

**National Health Service (UK)**

**Cirque du Soliel**

**AstraZeneca**

**Wolseley**

**I-Faber**

**Egyptian International Trade**

**Government of Paraguay**

**Hagemayer UK**

**MOL**

**A.P. Moller**

**Novo Nordisk A/S**

**Petro Canada**

**The Government of Australia**

**Barrick Gold**

**The Government of Scotland**

**Hoffman-LaRoche**

**SAP**



# Examples of Software and Decision Support Applications Used By UNSPSC Community

**Ariba**  
**Cognos**  
**Digimax IMIS**  
**Dun & Bradstreet**  
**Eplus**  
**Global eProcure**  
**I2**  
**IDS Guidance**  
**Internal / Proprietary**  
**K12Buy**  
**Keterra**  
**Lawson**  
**Maximo**  
**McKesson**  
**Meditech**  
**MS Excel / Access**  
**Oracle / Peoplesoft**  
**Pecos**

**Perfect Commerce**  
**Pergrine**  
**Procuri**  
**Progress**  
**Qvalent**  
**RedRock**  
**Requiste**  
**RPG**  
**Sabrix**  
**SAP**  
**SAS**  
**SciQuest**  
**Simon**  
**Struxure**  
**Taxware**  
**Trim**  
**Zycus**



# Industry Collaboration

- UNSPSC, *unlike industry initiatives*, provides a global classification framework for all products and services in all industry sectors
- Industry initiatives, *unlike UNSPSC*, provide detailed attributes and values
- UNSPSC wants to complement – NOT compete – with industry initiatives...UNSPSC makes the codeset freely available with limited conditions
- The integration of UNSPSC with Industry Initiatives requires a common intersection at the UNSPSC – commodity level



### Search the Code Ver. 9.1201!

Code Number:  
(2 to 8 digit nbr)

 go

Code Name:  
(enter keyword(s))

 go

### Features

[Member Login](#)

[Become a Member](#)

[Member Forum](#)

[Industry Initiatives](#)

[News & Press  
Releases](#)

[FAQ](#)

[Contact Us](#)



## Welcome

The United Nations Standard Products and Services Code® (UNSPSC®) provides an open, global multi-sector standard for efficient, accurate classification of products and services. Search the code on this website to locate commodity codes that can be used by your company.

The UNSPSC offers a single global classification system that can be used for:

- Company-wide visibility of spend analysis
- Cost-effective procurement optimization
- Full exploitation of electronic commerce capabilities

You may browse and download the current version of the code at no cost.

**UNSPSC is a member funded and supported initiative. To gain additional benefits, including access to past versions of the code and the opportunity to shape the code's future to best meet your business needs, join the UNSPSC today. Take the first step toward increasing productivity, reducing organizational costs, and improving supply chain efficiency by learning about [UNSPSC membership](#) now.**

UNSPSC offers a free on-demand webinar to provide an overview of the codeset and information describing how and why it is used. Visit <http://www.unspsc.org/webseminar.asp>



Share Your UNSPSC  
Success Story



# The UNSPSC Change Request Process

Scenario	Step 1	Step 2	Result
<b>UNSPSC codeset needs addition / enhancement to meet Member's needs.</b>	<b>Submit Change Request to add / modify Commodity, Class or Family.</b>	<b>Change Requests are reviewed and voted on by UNSPSC Members</b>	<b>Approved items are added to the codeset.</b>

Create / Edit a Request to Add a New Commodity - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites RSS Print Mail News Go

Address http://www.unspsc.org/codeguide/DictRequest.asp?RequestType=COMM&RequestMode=ADD

Home | Browse | Request | Vote | Admin | Account | Security | SegRevision | Help



## CREATE / EDIT A REQUEST TO ADD A NEW COMMODITY

Select Class

Title:

Definition:

Business Case:

Voting Period Start:

Voting Period End:

Save



# The United Nations Standard Products and Services Code (UNSPSC)

- UNSPSC Membership votes twice a year usually in May and November on proposed additions and changes to the codeset
- New codeset versions are published twice a year usually in February / March and August / September\*

\*Timing depends on the number of change requests



# Accessing UNSPSC

- For non UNSPSC Members
  - Free look up on UNSPSC website (Text and numeric)
  - Free PDF versions on UNSPSC website (All languages)
  - Excel versions available for fee (All languages)
- For UNSPSC Members
  - Access to all Excel versions in all available languages
  - Members version includes Audit File identifying Changes from previous version facilitating migration



# UNSPSC Support

- Many software suppliers include UNSPSC as a classification / categorization option in their applications
- Many consultants / service organizations worldwide offer UNSPSC support and training as a service
- Questions can be sent to [info@UNSPSC.org](mailto:info@UNSPSC.org)
- UNSPSC support staff



# Resources at [www.unspsc.org](http://www.unspsc.org)

- On-Demand “Introduction to UNSPSC” presentation and slides
  - 20 minute overview of the codeset and how to use it
- White Papers / documents describing UNSPSC use, values and benefits
- Resource listing of consultants and software providers who work with the codeset



## The Federal Government Department and Agencies below have downloaded the UNSPSC codeset.

<i>Government Agency / Department</i>	<i>Government Agency / Department</i>
Library of Congress	Argonne National Laboratory
NASA	Department of Veteran Affairs
Navy Exchange Service Command	Department of Homeland Security
National Science Foundation	DISA
Small Business Administration	Federal Emergency Management Agency
Tennessee Valley Authority	Government Services Administration
U.S. Department of Agriculture	Jet Propulsion Agency
U.S. Patent and Trademark Office	Los Alamos National Laboratory
U.S. Department of Transportation	Lawrence Livermore National Laboratory
United States Postal Service	Department of Energy
U.S. Army	



# GS1 US Overview

- Not-for-profit, user-driven, standards management and services organization headquartered in Lawrenceville, New Jersey
  - Previously named the Uniform Code Council (UCC)
- Drives development (with GS1 global office), implementation and maintenance of global identification standards
  - Products, Assets, Logistics Units, Locations (Trading Parties)
- Manages the UNSPSC Classification Systems for the UNDP
- Develops (with GS1 global office) and maintains global electronic commerce standards...EDI, XML, RosettaNet
- Entrusted to drive industry initiatives such as EPCglobal and the Global Data Synchronization Network (GDSN)
- A 'Member Organization' of GS1, headquartered in Brussels



# Thank You

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[www.unspsc.org](http://www.unspsc.org)

[info@unspsc.org](mailto:info@unspsc.org)

PRODUCT INFORMATION COMMITTEE  
DICTIONARY CAPABILITIES PROFILE

**NAME OF DICTIONARY:** *United Nations Standard Products and Services Code (UNSPSC)*

**NAME OF DMO:** *GS1 US (1009 Lenox Drive, Lawrenceville, NJ 08648)*

*GS1 US manages UNSPSC on behalf of the United Nations Development Programme (UNDP)*

**CONTACT PERSON(S):** *Stephen R Arens*

[sarens@gs1us.org](mailto:sarens@gs1us.org) 609.620.4511

*Customer Service: info@unspsc.org*

[www.unspsc.org](http://www.unspsc.org)

**I. SCOPE OF PRODUCT COVERAGE:**

How long has the dictionary been in use?

**10 years**

What industry sectors use this dictionary as their first choice for defining essential product characteristics?

***Healthcare; Energy; Maintenance Repair and Operations; Information Technology; Telecommunications; Mining; Building + Construction; Power Generation, Electronic Components; Electrical; Medical Equipment, Office Supplies; Management and Business Services.***

***Automotive Aftermarket preparing wide scale enhancements and use of UNSPSC.***

***Selected governments i.e. Republic of South Korea, Scotland, Australia, HM Revenue and Customs, Honduras, Denmark, the Commonwealth of Pennsylvania, Delaware, Ohio, and others***

***The primary uses are by the procurement / purchasing and the catalog management departments of companies, organizations and governments***

Describe the strength of the dictionary in characterizing products using the separate page titled "Coverage by Product Set." Enter "S" for Strong, "M" for Moderate, and two dashes (--) for incomplete or no coverage. (See page 13)

# ITDS PIC DICTIONARY CAPABILITIES PROFILE

## II. DEPTH OF PRODUCT CHARACTERIZATION:

What hierarchy is used to organize and locate product classes?

**UNSPSC has a four level hierarchy:**

**Segment**

**Family**

**Class**

**Commodity**

**The UNSPSC classification process embodies a "bottom-up" approach, e.g., Class, Family and Segment structure is based on accurate Commodity identification which best reflects marketplace realities.**

**(There is an optional fifth level called Business Function Identifiers (BFI) which the user can apply to items to identify the item or service's role in the organization i.e. retail, wholesaler, leased, maintenance or repair, etc.)**

Can each product class be represented by a short numeric product code?

**Each codeset item is represented by a unique 8 digit code.**

Does the dictionary support the use of attribute or property value pairs to further describe product classes?

**No**

Is there a limit on the number of product classes in a hierarchy?

**Segments: No limit (The 55 have been in place since the codeset's start)**

**Families – 99 per Segment**

**Classes – 99 per Family**

**Commodities – 99 per Class**

**(Under UNSPSC's 55 Segments the content limit is 53,366,445 items. If needed, current Segments could be sub-divided and new Segments proposed for addition which would increase the overall capacity.)**

The number of attributes supported?

**NA**

The number of values supported for a single attribute?

**NA**

## III. LEVEL OF DICTIONARY ADOPTION:

For what use does the industry typically use the dictionary – spend analysis, category management, product sourcing, etc.?

**UNSPSC is used for procurement, spend analysis, asset management, catalog organization, website organization.**

What languages/tongues does the dictionary support?

## ITDS PIC DICTIONARY CAPABILITIES PROFILE

**English, French, Chinese (Simplified), Chinese (Mandarin), Portuguese, Hungarian, Japanese, Korean, Swedish, Norwegian, Danish, Spanish, Italian, German and Dutch.**

What indications of active industry adoption and use are there?

**UNSPSC Members are located in 45 countries. Recent download statistics indicate the codeset has been downloaded by users in over 175 countries. UNSPSC records over 25,000 download instances of the codeset each year.**

**UNSPSC is contacted by industry and trade groups seeking to collaborate with UNSPSC to enhance / expand codeset content to meet their industry's / members' needs as they implement the codeset. UNSPSC provides support where needed and works with the groups to support their needs.**

What level of use is seen for each region of the world?

**The following information is from a UNSPSC survey of users (April, 2007).**

- **North America – 49%**
- **Europe – 30%**
- **Asia / Australia / NZ – 10%**
- **India / Africa – 3%**
- **South America – 6%**
- **Middle East – 2%**

**(A list of UNSPSC Members by Country is attached.)**

Provide examples of how the dictionary is being used in international trade and what companies are using it.

**Most UNSPSC Members and Users use the codeset to support their procurement process and product information management needs; examples of UNSPSC Members are:**

<b>Textron</b>	<b>D&amp;B</b>	<b>Sprint Corporation</b>	<b>Hong Kong Trade Development</b>
<b>Monarch Paxar</b>	<b>Schlumberger</b>	<b>Agere Systems</b>	<b>Sub Zero / Wolf</b>
<b>Cleveland Clinic</b>	<b>American Express</b>	<b>Johnson &amp; Johnson</b>	<b>Hagemayer Australia</b>
<b>Dell</b>	<b>BHP Billiton</b>	<b>GHX Europe</b>	<b>Hoffman-LaRoche</b>
<b>Office Depot</b>	<b>Ray o Vac</b>	<b>Centerpoint Energy</b>	<b>Canadian Coast Guard</b>
<b>3M Sourcing</b>	<b>Egyptian International Trade</b>	<b>Caterpillar</b>	<b>Northrup Grumann</b>

ITDS PIC DICTIONARY CAPABILITIES PROFILE

<b>Masco</b>	<b>A.P.Moller</b>	<b>Carlson Companies</b>	<b>Barrick Gold</b>
<b>Dow Chemical</b>	<b>Sun Microsystems</b>	<b>Consol Energy</b>	<b>Pfizer</b>
<b>Roche Diagnostics</b>	<b>Trinidad Drilling</b>	<b>Petro-Canada</b>	<b>Government of India</b>
<b>State of Delaware</b>	<b>General Motors</b>	<b>Novo Nordisk</b>	<b>Milliken &amp; Co.</b>
<b>Hertz</b>	<b>Microsoft</b>	<b>Hagermayer UK</b>	<b>Ingersoll Rand</b>
<b>Government of Scotland</b>	<b>Wyndham worldwide</b>	<b>United States Steel</b>	<b>Georgia Pacific</b>
<b>IBM</b>	<b>Florida Crystals</b>	<b>MasterCard</b>	<b>HM Revenue &amp; Customs</b>
<b>Wolseley</b>	<b>Government of Panama</b>	<b>Republic of Korea</b>	<b>Government of Australia</b>
<b>Government of Denmark</b>	<b>Government of Canada</b>	<b>Government of Paraguay</b>	<b>Government of Honduras</b>

**IV. LEVEL OF INDUSTRY SUPPORT:**

How many supporting and/or voting members does the DMO have?

***Across the 55 UNSPSC Segments there are 4265 Members representing 709 UNSPSC Member organizations including commercial firms, academic institutions, local and national governments, trade associations and standards organizations. 1049 Members have registered to vote in selected Segments.***

Typically what companies and industry sectors are the DMO's leaders and subject matter experts drawn from?

***Healthcare***

***Energy***

***Electrical***

***Government***

***Classification / Taxonomists***

***Consulting Organizations***

***Standards Organizations***

***Software / application providers***

What improvements or expansions are planned?

***The Automotive Aftermarket industry under the leadership of the Automotive Aftermarket Industry Association (AAIA) is planning major enhancements for various Segments utilized by the industry. The complete scope of the changes is TBD.***

***Under consideration is a new "Financial Instruments" Segment to address the growing needs of the financial, securities, leasing and banking industries.***

***Our intentions and strategy are to continue creating industry and government consensus on the "is" model level while collaborating with world class "is and has" models who are trying to develop to UNSPSC's level. UNSPSC is also researching and collaborating in the development of technological solutions that will reduce the cost and improve efficiency***

***The re-launch of UNSPSC's Steering Committee. Initial recruitment is underway and the hope is to have the new committee in place in Q1 2009. (The previous committee experienced a wave of retirements and career changes; since then the codeset has been overseen by an Advisory group consisting of Members, Taxonomists, and experts. Also UNSPSC utilizes web based survey and polling to monitor the needs of its Members and User communities.)***

What is the business plan to sustain the organization's goals?

***UNSPSC's objective is to operate on a cost recovery basis; the UNSPSC team reviews the Membership fees and other revenue sources to ensure adequate resources and funding and makes adjust to support its needs.***

***UNSPSC does have access to GS1 US' resources for management, marketing, technology, Customer Service and financial services support which enables it to offer the codeset and supporting services at a minimal cost.***

***Expand support of other GS1 organizations to extend UNSPSC's global reach and use; while selected GS1 organizations i.e. GS1 France, GS1 Korea, GS1 Japan, GS1 Norway and others provide work with industries or companies in their country; UNSPSC plans to expand GS1 Member Organization support.***

***GS1 US is in the process of extending its UNSPSC management agreement with the United Nations Development Programme (UNDP) for another 5 years. (We do not see an issue with the renewal.)***

## ITDS PIC DICTIONARY CAPABILITIES PROFILE

### V. CHANGE REQUEST PROCESS:

Describe the Change Request (CR) Process?

**UNSPSC Change Requests can be entered only by UNSPSC Members. Change Requests can be Additions, Moves, Edits or Deletes. The UNSPSC Member describes the proposed Change, for example, an addition of a Commodity to the codeset, provides a definition and a supporting business case or statement for the change.**

**All Change Requests are reviewed prior to the voting period to ensure basic requirements are met and then placed into the voting queue. Twice a year, Members vote on the Change Requests (They can vote Approve, Approve with Reservations, or Not Approved.); votes are tabulated on a simple majority basis.**

**The "Approved" Change Requests are reviewed by UNSPSC's consulting Taxonomist to ensure adherence to UNSPSC's Guidelines and as a final quality assurance check; the items then are placed into the codeset and assigned a UNSPSC number.**

**There is also a process for "Segment Reviews" which usually involve many members of an industry (sometimes led by a trade association) when entire Segments are reviewed and updated to reflect changes in the industry and its products and services requirements. UNSPSC management needs to approve these Segment Reviews and may provide additional resources to coordinate them. (There are no Segment Reviews underway now.)**

**All Change Requests are entered, reviewed and voted on through an on-line system.**

How many CRs were submitted and processed in the past 12 months?

	<b>Submitted</b>	<b>Approved and Passed QA</b>	<b>Released</b>
<b>Version 10.1201</b>	<b>5,400</b>	<b>4,307</b>	<b>April, 2008</b>
<b>Version 11.0501</b>	<b>14,316</b>	<b>13,658</b>	<b>September, 2008</b>
<b>Total</b>	<b>19,716</b>	<b>17,965 (91%)</b>	

**The normal Change Request period is usually 500-800 Change Requests; these two periods were unusually high due to enhancements to Segment 50 (Food and Beverages and Tobacco Products)**

How many times in a year do you update the dictionary?

**Twice a year (Additional minor releases can be accommodated.)**

What are the eligibility requirements to submit a CR?

**UNSPSC Members can submit CRs**

May government entities submit CRs?

**Yes; UNSPSC has many government Members. Examples are DHS, the states of Ohio, Pennsylvania, Delaware, New York, New Mexico, California, Louisiana, Indiana, etc. Other government Members include Australia, HM Revenue and Customs Service, the Republic of Korea, Nicaragua, Honduras, and others.**

What are the eligibility requirements to vote on CRs?

**When completing the UNSPSC Membership application, the Member indicates the Segments they wish to vote in (There may be a limit to the number of Segments they are eligible for based on their Membership category.) Government Memberships are eligible to vote on many more Segments than Corporate Members due to the wide range of products and services they provide.**

How many vote on a typical CR?

**It varies; in some categories it maybe 10 to 40 Members; in others fewer.**

What is the average time to: Revise the definition for a commodity or attribute value;

**Three months from the close of the voting period.**

Add a new commodity attribute (if applicable); and Add a new commodity?

**Three months from the close of the voting period.**

## ITDS PIC DICTIONARY CAPABILITIES PROFILE

### VI. LEGAL RESTRICTIONS ON USE:

Is all dictionary content in the public domain?

**Yes**

What agreements must an organization sign to use the dictionary?

**None required; but some prefer license agreement when integrating into software application. (UNSPSC works with these organizations to provide an acceptable document at no charge.)**

What limitations exist on the use of the content?

**Cannot be resold "as is." If additional information is added then it can be included in a product.**

Is the DMO a not-for-profit organization?

**Yes**

Does the DMO meet the definition of a voluntary consensus standards body as defined by OMB Circular A-119? A voluntary consensus standards body is defined by the following attributes: (i) Openness. (ii) Balance of interest. (iii) Due process. (iv) An appeals process. (v) Consensus, which is defined as general agreement, but not necessarily unanimity, and includes a process for attempting to resolve objections by interested parties, as long as all comments have been fairly considered, each objector is advised of the disposition of his or her objection(s) and the reasons why, and the consensus body members are given an opportunity to change their votes after reviewing the comments.

**Yes**

### VII. BARRIERS TO INDUSTRY PARTICIPATION:

What barriers might limit mid- or small-size companies from using the dictionary content?

**None we are aware of.**

## ITDS PIC DICTIONARY CAPABILITIES PROFILE

### VIII. ELECTRONIC ACCESS:

What electronic methods exist for accessing dictionary content (e.g., transfer of data files, web service real-time inquiries, etc.)?

***Users can research UNSPSC codes for free on the UNSPSC website; all they need to do is enter the text term and if there is a match the website will display the appropriate UNSPSC code number.***

***Also, if the User has a UNSPSC code number and needs the description they can enter the code number on the website and the system will return the appropriate description.***

***PDF versions of ALL versions and translations of the codeset are available at no charge on the UNSPSC website.***

***Excel versions of the codeset (without the Audit files) are available to non-Members for a nominal fee (Currently \$50.00); an automated order and download application is available on the UNSPSC website.***

***UNSPSC Members can access the Members Area of the website which contains Excel versions of the codeset with the Audit file for easy migration from one version to another.***

What data format can the dictionary content be provided in (e.g., XML, Excel spreadsheet, delimited file)?

***Excel***

How frequently could data files be obtained?

***As needed; there are no limits or restrictions on Member or User access.***

## ITDS PIC DICTIONARY CAPABILITIES PROFILE

What security controls are used to safeguard data integrity and to protect against unauthorized electronic access?

**The Members Area is ID and Password protected.**

- **The site runs on a server which is secured behind a checkpoint firewall**
- **The firewall controls access to the server and only allows regular http and secure http connections to the site/server**
- **The database server resides on a different physical machine on a separate secure network.**
- **The connections between the database server and UNSPSC web server is also controlled and secured**
- **The site have a VeriSign data encryption security certificate for sensitive information that is transferred over the internet (e.g. Credit Card numbers etc)**
- **The server which the site runs on has all current security patches**
- **The site is also PCI (Payment Card industry) compliant.**

What ISO standards for formatting and transferring data (e.g., ISO 8000 and 22745) do you currently comply with or plan to comply with?

**ISO 8000 does not affect us as it would require that users map and represent the data in our ontology correctly to get certified. ISO 22745 will work alongside our code set as the product classes are more granular (in most cases) than commodities and can be mapped and used as an extension of our code set that includes attributes**

# ITDS PIC DICTIONARY CAPABILITIES PROFILE

## IX. COST OF RECURRING ACCESS AND DATA TRANSFER:

What fees are charged to industry members to use the dictionary content? Please describe these fully and especially in terms of:

-Start up or "initializing" fees;

**UNSPSC Members are charged an annual fee based on Membership Level / Category. This Membership enables Members to propose and vote on Change Requests, access codesets with the Audit Files to assess Changes from one version to another, participate in Information Sharing Groups (new), receive the Members' newsletter and have preferred access for questions and inquiries.**

**Corporate Global: \$6,000**

**Corporate Plus: \$4,200**

**Corporate: \$2,200**

**Corporate Individual: \$300**

**Educational Institution: \$500**

**Government:**

**-State / National: \$1650**

**-Local: \$1100**

**Trade / Standards Organizations: \$ 0 (Non voting)**

**Educational Research: \$45 (Non voting)**

-Connectivity, system interface, or testing fees;

**None**

**-Fees that are assessed by file size or have volume boundaries;**

**None**

-Fees assessed by number of requests or access frequency;

**None**

-Any other fee or charge categories and their basis of operation.

**None**

-Monthly overhead or minimum usage fees; and

**None**

## X. DATA QUALITY:

What web site support tools, training, or other assistance is available to industry users who wish to define their products using the dictionary?

**A free on-demand webinar and supporting charts are available to interested parties.**

**UNSPSC Members receive the UNSPSC Guidelines for their use and reference.**

**The UNSPSC website contains a number of business / use cases and research papers describing use of the codeset.**

**The UNSPSC website lists a number of firms / organizations around the world which provide codeset support, services software.**

**UNSPSC has been piloting a "U.S.State Government Information Sharing Group" in 2008; the purpose is to provide a forum where state governments can share information, advice, experiences, and plans. It has also served as a CR development resource to identify Segments of the codeset which need enhancement to meet the needs of local governments.**

**In selected situations UNSPSC will provide complimentary consulting support to assist key new Members in implementing the codeset. (This is done at the discretion of management.)**

How can industry users be certain they are properly applying dictionary terms when defining their products?

**There are a number of service providers which do support the application and use of the codeset; they could perform quality checks for users or trade / industry groups could provide this as a service to their members.**

## ITDS PIC DICTIONARY CAPABILITIES PROFILE

### **SUMMARY:**

What are the strengths of this dictionary?

**Global industry acceptance and use. Inclusion as an option in leading ERP systems i.e. SAP, Ariba, i2 and Oracle and in specialized software applications designed for spend analysis, the healthcare industry, procurement, etc.**

**Flexibility and interest in supporting the development of new applications and use of the codeset.**

**Affiliation with the United Nations Development Programme (UNDP)**

**A global network of users willing to share information with new / interested users.**

**10 years of acceptance and growth.**

**User Business Cases and research papers posted on the website for public access and use.**

**Periodic surveys of its Member and User communities to understand their industries, applications, direction, and Segments of interest. These web based surveys provide insights into the Member and Users which help guide future plans and development.**

**A global service provider community offering support and services for users of the codeset.**

**Trust in UNSPSC and GS1 US.**

What are the weaknesses?

**Some translations are lagging behind current versions but these are being addressed.**

**Some users need attributes but this is being addressed through collaboration with other codesets and resources.**

**General Remarks or Comments:**

**UNSPSC is supported by GS1 US Customer Service staff, marketing resources, financial and technology staffs. Also, global support is provided by selected GS1 organizations which work with local Members and Governments to promote the use of UNSPSC.**

ITDS PIC DICTIONARY CAPABILITIES PROFILE

**COVERAGE BY PRODUCT SET**

(See Section I)

<b>HTS SECTION</b>	<b>PRODUCT SET</b>	<b>COVERAGE</b> ( <i>"S"</i> =Strong; <i>"M"</i> =Moderate; <i>"-"</i> = No Coverage)
Section 1	<b>Live Animals; Animal Products</b>	M
Section 2	<b>Vegetable Products</b>	S
Section 3	<b>Animal or Vegetable Fats, Oils, and Waxes</b>	M
Section 4	<b>Prepared Foodstuffs; Beverages, Spirits, Vinegar, And Tobacco</b>	M
Section 5	<b>Mineral Products</b>	M
Section 6	<b>Chemical or Pharmaceutical Products</b>	M
Section 7	<b>Plastic and Rubber Products</b>	M
Section 8	<b>Leather, Fur, Travel Goods, and Handbag Products</b>	M
Section 9	<b>Wood, Cork, and Straw Products</b>	M
Section 10	<b>Wood Pulp, Paper, and Paperboard Products</b>	M
Section 11	<b>Textile Products</b>	M
Section 12	<b>Footwear, Headgear, and Umbrella Products</b>	M
Section 13	<b>Stone, Plaster, Cement, Asbestos, Mica Ceramic, and Glass Products</b>	M
Section 14	<b>Pearl, Precious or Semiprecious Stones, Precious metals, Imitation Jewelry, and Coin</b>	M
Section 15	<b>Base Metals and Base Metal Products</b>	M
Section 16	<b>Machinery, Mechanical Appliances, Electrical Equipment, Sound Recorder and Television Products</b>	M
Section 17	<b>Vehicles, Aircraft, Vessels and Transport Equipment</b>	M
Section 18	<b>Optical, Photographic, Cinematographic, Measuring, Checking, Precision, Medical Or Surgical Instruments; Clocks And Watches; and Musical Instruments</b>	S/M
Section 19	<b>Arms and Ammunition</b>	M
Section 20	<b>Furniture, Bedding, and Lamps, Toys, Games, and Sports Products</b>	M
Section 21	<b>Works of Art, Antiques, and Collector's Pieces</b>	M

## UNSPSC Member Organizations by Country

Country	Member Organizations
Albania	1
Angola	1
Australia	22
Austria	3
Belgium	6
Brazil	5
Canada	23
Chile	5
Colombia	1
Denmark	11
Egypt	1
Fiji	1
Finland	3
France	15
Germany	15
Greece	2
Guatemala	1
Honduras	1
Hong Kong	2
Hungary	1
India	19
Indonesia	1
Iran, Islamic Republic of	1
Ireland	5
Israel	2
Italy	6
Japan	1
Korea	2
Korea, Republic of	4
Luxembourg	1
Malaysia	4
Mexico	1
Moldova	1
Netherlands	9
New Zealand	3
Nicaragua	2
Norway	4
Pakistan	1
Panama	1
Paraguay	1
Peru	2

Philippines	1
Portugal	3
Puerto Rico	1
Qatar	1
Russia	2
Saudi Arabia	1
Singapore	3
South Africa	6
Spain	6
Sweden	11
Switzerland	10
Thailand	1
Turkey	2
United Arab Emirates	1
United Kingdom	60
United States	409
<b>Total number of Members</b>	<b>709</b>