INSIGHT INTO UNCERTAINTY: LEVERAGING THE COMMODITY RISK DASHBOARD

From mass lockdowns to disruptions in transportation and production, the COVID-19 pandemic exposed the fragility of global supply chains. In response, President Joe Biden issued Executive Order (EO) 14017 to strengthen the resilience of U.S. supply chains. But how can the federal government assess which goods have an increased risk of disruption?

In response, MITRE created the **Commodity Risk Dashboard (CRD)** to provide a flexible and interactive capability that can rapidly identify foreign dependencies for goods. The CRD distills six months of custom analysis into a rapid landscape view of the current state of a supply, including an essential basket of goods. The CRD also provides a lightweight relativerisk ranking across a sponsor's group of priority goods, informing sponsors where additional attention may need to be focused. This information can then be used for a deep-dive analysis through additional tools at MITRE.

The CRD provides three critical capabilities: (1) commodity ranking by geopolitical risk, (2) identification of countries that provide the commodity, and (3) identification of commodities the United States relies on per country. The geopolitical risk ranking is determined using a risk indicator for each commodity that is based on the geopolitical risk associated with the countries exporting those goods to the United States.

The CRD provides a comprehensive view of data at varying levels of granularity, from broad industry overviews to specific goods. It offers users the ability to filter the data, focusing on particular industries or types of commodities. Furthermore, the dashboard can highlight commodities deemed critical by EO 14017. Utilizing free and open data, specifically U.S.A. Trade Data, the dashboard ensures broad accessibility across MITRE and its sponsors. Ultimately, understanding the risks associated with these commodities is crucial, as it can significantly impact the stability and efficiency of the supply chain.



CRD access is available to sponsors by request.
Contact supplychainsecurity@mitre.org for more information.

Commodity Risk Dashboard

Ranks commodities by geopolitical risk

	HS Code	HS Code Description	Importitisk (Potletalimports	PoliviolExperts (Import HE (
41	2900490020	N-(PROSPRONONETRYL) CURING (SCIPROSKTE)	6.740	6300535%	0.000000%	0.364
42	2546902062	RRIEARTH INCONTANYTTRUM OR SCANDUMAS PREEM MTL	0.74	0.000007%	0.000000%	0.585
43	2904990000	1 SRONG 3 NURSEENZENE; O PLUGRON/TROSENZENE ETC	0.74	0.0000075	0.000000%	0.90
44	2000400000	15 096190, 2,4,0,10 (\$10,004.3,5 009605/9457900)	0.74	0.00002%	0.000000%	0.99
45	2805300090	BURE EARTH MET NESOL SCRIPT NT INTRREVINTRALLOND	0.739	0.000290%	0.000000%	0.90
46	7202219000	FERROSLICON OVER 10 PERCENT SILICON	0.799	0.300009%	0.000000%	0.90
67	2906390500	IBUPROFEN	0.798	0.003424%	0.000000%	0.90
CI.	2102430010	USINE AND ITS ESTERS, SAUS THEREOGNESIS	6.738	0.001330%	0.000000%	0.90
69	2805300030	CERUM, NOT INTERNECOR INTERALLOYED	6.797	0.300003%	0.000000%	0.96
56	2912491500	PHYSROGOGOUALEGHOS	6737	0.000004%	0.000000%	0.36

For each commodity, identifies Countries that we rely on



For each country, identifies goods for which we rely on them



Contact Us

supplychainsecurity@mitre.org www.mitre.org

MITRE's mission-driven teams are dedicated to solving problems for a safer world. Through our public-private partnerships and federally funded R&D centers, we work across government and in partnership with industry to tackle challenges to the safety, stability, and well-being of our nation.

