

OTEXA – Personal Protective Equipment (PPE) 2019 – May 2022 Data, By Quantity

OTEXA - Personal Protective Equipment (PPE) May 2022, by HTS and Major Product Group

U.S. Imports for Consumption (unit of quantity)

* indicates data not available due to new statistical breakouts effective July 1, 2020

** indicates data not available due to new statistical breakouts effective January 1, 2021

*** indicates data not available due to new statistical breakouts effective January 1, 2022

**** indicates data not available due to new statistical breakouts effective July 1, 2022

PPE by HTS

HTS	Quantity Description	Description	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Pct Chg YTD 21 - 22
3808945010	kilograms	Wipes, not paper or nonwoven, impregnated with disinfectants	*	51,074,782	119,563,521	99,149,332	43016200.0%	-99.6%
3926201010	dozen pairs	Seamless surgical and medical gloves of plastic	518,618,790	652,419,128	857,104,498	522,178,960	240,099,390	-54.0%
3926201020	dozen pairs	Disposable gloves of plastic	1,796,881,206	2,765,030,292	2,652,486,790	1,881,436,209	777,959,933	-58.7%
3926909950	number	Plastic face masks and shields, medical positioning or transport pads, medical waste containers or disinfectant wipes dispensers	*	189,910,526	86,024,246	49,789,284	43,098,849	-13.4%
Discontinued - 4015110110	dozen pairs	Surgical gloves, of natural rubber, other than hard rubber	16,864,813	16,918,209	16,800,610	6,283,614	***	***
Discontinued - 4015110150	dozen pairs	Surgical gloves, of natural rubber, other than hard rubber nesoi	39,604,601	56,239,224	82,660,361	39,065,910	***	***
Upcoming Discontinuation - 4015121000	dozen pairs	Medical gloves, of vulcanized rubber other than hard rubber, nesoi	***	***	***	***	1,481,967,731	***
Upcoming Addition - 4015121010	dozen pairs	Medical gloves, mittens and mitts of vulcanized rubber	****	****	****	****	****	****
Upcoming Addition - 4015121020	dozen pairs	Surgical gloves, mittens and mitts of vulcanized rubber	****	****	****	****	****	****
4015129000	dozen pairs	Gloves, mittens and mitts of a kind used for dental or veterinary purposes	***	***	***	***	1,390,964	***
Discontinued - 4015190510	dozen pairs	Medical gloves, except surgical of natural rubber, other than hard rubber	222,715,331	241,654,914	425,569,471	166,103,819	***	***
Discontinued - 4015190550	dozen pairs	Medical gloves, except surgical of natural rubber, other than hard rubber nesoi	2,452,611,338	2,874,189,292	3,999,523,992	1,683,479,724.00	***	***
Discontinued - 4015191010	dozen pairs	Seamless, disposable gloves, of vulcanized rubber other than hard rubber	1,120,637,369	1,430,681,917	1,496,274,307	808,555,027.00	***	***
4015191110	dozen pairs	Seamless, disposable gloves, of vulcanized rubber other than hard rubber	***	***	***	***	444,107,450	***
4015191150	dozen pairs	Gloves seamless except disposable	***	***	***	***	41,132,785	***
4818500020	kilograms	Paper hospital/medical gowns or scrubs	*	253,776	282,585	92,426.00	47,669	-48.4%
4823908620	kilograms	Paper shoe covers (booties)	*	583,098	370,913	181,603.00	115,529	-36.4%
5601220050	kilograms	Flocked Swabs of Man-Made Fibers, Other than articles of heading 3926	**	**	188,662	123,652.00	62,332	-49.6%
Upcoming Addition - 5603110070	kilograms	Nonwoven wipes	****	****	****	****	****	****
Upcoming Addition - 5603120070	kilograms	Nonwoven wipes	****	****	****	****	****	****
Upcoming Addition - 5603130070	kilograms	Nonwoven wipes	****	****	****	****	****	****
Upcoming Addition - 5603920070	kilograms	Nonwoven wipes	****	****	****	****	****	****
Discontinued - 6210105000	dozens	Nonwoven disposable apparel designed for use in hospitals, clinics, labs or contaminated areas	114,437,348	340,232,668	***	***	***	**
6210105010	dozens	Surgical or isolation gowns, disposable, of nonwoven fabrics	**	**	103,285,831	68,985,719	28,565,121	-58.6%
6210105090	dozens	Disposable apparel designed for use in hospitals, clinics, laboratories, and other, of nonwoven fabrics	**	**	56,335,416	35,062,774	18,550,318	-47.1%
6307906090	kilograms	Surgical drapes, of fabric formed on a base of paper or covered or lined with paper	1,640,033	1,570,248	1,602,443	590,895	645,668	9.3%
6307906800	kilograms	Surgical drapes, spunlaced or bonded fiber fabric disposable surgical drapes of man-made fibers	52,747,355	51,545,147	60,412,038	22,100,639	25,266,286	14.3%
6307907200	kilograms	Surgical drapes, other	936,945	1,430,888	1,882,734	595,878	722,246	21.2%
6307908910	number	Surgical towels of cotton	535,566,784	483,837,625	472,655,874	183,948,175	220,887,991	20.1%
6307909845	number	Face masks, including respirators without replaceable filters: N95 respirators	*	1,826,304,410	555,706,502	365,819,261	169,363,861	-53.7%
6307909850	number	Face masks, including respirators without replaceable filters, other respirators	*	394,668,696	163,819,299	82,069,661	56,709,972	-30.9%
6307909870	number	Other face masks, disposable:	*	15,354,020,129	11,418,106,197	4,622,683,323	5,126,825,122	10.9%
6307909875	number	Other face masks, other	*	2,798,728,464	812,704,406	406,039,437	261,997,184	-35.5%
6405902000	pairs	Disposable footwear, designed for one-time use	83,319,303	59,526,207	48,470,727	12,960,077	16,017,744	23.6%
6505008015	dozens	Nonwoven disposable headgear without peaks or visors	142,798,126	153,946,326	153,273,788	104,247,494	45,457,335	-56.4%

Personal Protective Equipment - by Group

Group	Quantity Description	HTS	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Apr)	2022 YTD (Jan - Apr)
Plastic/Rubber gloves	dozen pairs	3926201010, 3926201020, 4015110110, 4015110150, 4015190510, 4015190550, 4015191010, 4015121000, 4015129000, 4015191110, 4015191150	6,167,933,448	8,037,132,976	9,530,420,029	5,107,103,263	2,986,658,253
Paper Gowns and Booties	kilograms	4818500020, 4823908620	*	836,874	653,498	274,029	163,198
Flocked Swabs	kilograms	5601220050	**	**	**	**	62,332
Disposable Apparel	dozens	6210105000	114,437,348	340,232,668	**	**	**
Disposable Surgical or Isolation Gowns	dozens	6210105010	**	**	**	**	28,565,121
Disposable Apparel, Hospitals/labs	dozens	6210105090	**	**	**	**	18,550,318
Surgical Drapes	kilograms	6307906090, 6307906800, 6307907200	55,324,333	54,546,283	63,897,215	23,287,412	26,634,200
Surgical Towels	number	6307908910	535,566,784	483,837,625	472,655,874	183,948,175	220,887,991
Face Masks and Shields	number	3926909950, 6307909845, 6307909850, 6307909870, 6307909875	*	20,563,632,225	13,036,360,650	5,526,400,966	5,657,994,988
Disposable Footwear	pairs	6405902000	83,319,303	59,526,207	48,470,727	12,960,077	16,017,744
Disposable Headgear	dozens	6505008015	142,798,126	153,946,326	153,273,788	104,247,494	45,457,335

OTEXA – Personal Protective Equipment (PPE) 2019 – May 2022 Data – By Quantity

OTEXA - Personal Protective Equipment (PPE) May 2022, by HTS and Major Supplying Country

U.S. Imports for Consumption (unit of quantity)

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PPE - by Top Country

Group	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
Wipes, impregnated with disinfectants - 3808945010	World	*	51,074,782	119,563,521	99,149,332	430,162	
	China	*	46,586,381	117,989,289	98,030,410	377,026	87.6%
	Ireland	*	5,651	40,120	6,955	43,610	10.1%
	United Kingdom	*	19,787	37,926	1,554	5,940	1.4%
Plastic surgical and medical gloves - 3926201010	World	518,618,790	652,419,128	857,104,498	522,178,960	240,099,390	
	China	510,039,608	637,199,689	832,444,367	506,851,061	230,323,931	95.9%
	Vietnam	1,583,801	3,377,007	3,294,703	2,287,402	4,190,333	1.7%
	United Kingdom	9	12	4	-	2,666,666	1.1%
	Malaysia	5,190,424	9,534,094	16,306,753	10,564,292	1,424,766	0.6%
Plastic Disposable gloves - 3926201020	World	1,796,881,206	2,765,030,292	2,652,486,790	1,881,436,209	777,959,933	
	China	1,750,659,580	2,703,439,125	2,592,226,475	1,842,446,658	741,890,240	95.4%
	Vietnam	25,494,480	18,098,218	12,428,145	8,210,702	20,956,073	2.7%
	Malaysia	8,699,196	16,785,431	13,562,376	8,810,218	7,143,900	0.9%
Plastic masks and shields etc. - 3926099950	World	*	189,910,526	86,024,246	49,789,284	43,098,849	
	China	*	138,638,821	45,413,043	30,854,461	16,957,086	39.3%
	Mexico	*	33,810,079	27,302,022	11,154,392	16,450,168	38.2%
	Vietnam	*	912,436	2,052,673	1,717,176	4,439,173	10.3%
Rubber surgical gloves - 4015110110	World	16,864,813	16,918,209	16,800,610	6,283,614	***	
	Malaysia	11,038,868	11,325,858	8,760,276	4,074,107	***	
	Thailand	3,399,409	2,484,792	3,025,625	1,045,264	***	
	Sri Lanka	1,762,051	2,043,060	1,955,461	816,078	***	
Surgical gloves of vulcanized rubber - 4015110150	World	39,604,601	56,239,224	82,660,361	39,065,910	***	
	Thailand	17,840,381	20,640,532	24,776,487	11,919,775	***	
	Malaysia	15,776,219	20,947,613	23,663,163	10,792,530	***	
	China	1,246,331	5,459,877	16,287,645	9,427,359	***	
Medical gloves, of vulcanized rubber - 4015121000	World	***	***	***	***	1,481,967,731	
	Malaysia	***	***	***	***	781,397,918	52.7%
	China	***	***	***	***	442,422,510	29.9%
	Thailand	***	***	***	***	158,190,258	10.7%
Gloves, for dental or veterinary purposes - 4015129000	World	***	***	***	***	1,390,964	
	China	***	***	***	***	960,965	69.09%
	Malaysia	***	***	***	***	429,572	30.88%
	Indonesia	***	***	***	***	357	0.03%
Medical gloves of natural rubber-4015190510	World	222,715,331	241,654,914	425,569,471	166,103,819	***	
	Malaysia	164,412,892	166,506,597	132,680,274	74,317,851	***	
	China	22,525,563	21,788,936	223,443,203	56,711,113	***	
	Thailand	29,564,276	25,666,326	40,219,729	19,782,113	***	
Medical gloves of vulcanized rubber - 4015190550	World	2,452,611,338	2,874,189,292	3,999,523,992	1,683,479,724	***	
	Malaysia	1,819,503,077	2,159,178,384	2,353,876,807	1,020,403,654	***	
	China	348,715,672	355,533,597	1,075,721,256	431,186,070	***	
	Thailand	206,117,545	260,256,699	421,871,669	172,387,139	***	
Disposable gloves of vulcanized rubber - 4015191010	World	1,120,637,369	1,430,681,917	1,496,274,307	808,555,027	***	
	Malaysia	552,009,186	659,165,043	595,116,729	325,285,861	***	
	China	32,861,515	193,612,998	346,334,270	214,076,764	***	
	Thailand	353,504,984	361,916,254	378,856,800	195,153,505	***	
Seamless, disposable gloves, of rubber - 4015191110	World	***	***	***	***	444,107,450	
	Thailand	***	***	***	***	162,056,347	36.5%
	Malaysia	***	***	***	***	148,520,348	33.4%
	China	***	***	***	***	75,125,710	16.9%
Gloves seamless except disposable - 4015191150	World	***	***	***	***	41,132,785	
	Malaysia	***	***	***	***	19,951,819	48.5%
	Thailand	***	***	***	***	12,208,476	29.7%
	China	***	***	***	***	2,509,196	
	Sri Lanka	***	***	***	***	1,835,270	4.5%
Paper hospital/medical gowns or scrubs - 4818500020	World	*	253,776	282,585	92,426	47,669	
	China	*	114,995	74,204	36,798	28,653	60.1%
	Mexico	*	71,533	35,748	8,133	15,694	32.9%
	Canada	*	1,277	6,798	2,010	2,284	4.8%
Paper shoe covers (booties) - 4823908620	World	*	583,098	370,913	181,603	115,529	
	Mexico	*	70,446	143,701	55,198	73,784	63.9%
	China	*	72,246	81,262	58,548	39,529	34.2%
	Canada	*	416,551	133,748	57,467	1,645	1.4%

Plastic gloves	2022 YTD (Jan - May)	Mkt Share YTD
World	1,018,059,323	
China	972,214,171	95.5%

Rubber gloves	2022 YTD (Jan - May)	Mkt Share YTD
World	1,968,598,930	
Malaysia	950,299,657	48.3%
Thailand	332,455,081	16.9%

Group	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
Flocked Swabs - 5601220050	World	**	**	188,662	123,652	62,332	
	China	**	**	136,775	91,319	47,127	75.6%
	Italy	**	**	34,202	19,561	12,190	19.6%
	Costa Rica	**	**	273	113	1,538	2.5%

Disposable Apparel - 6210105000	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World		114,437,348	340,232,668	***	***	***	
China		91,790,290	278,691,924	**	**	**	
Vietnam		4,131,732	16,834,364	**	**	**	
Mexico		5,471,580.00	11,345,346	**	**	**	

Disposable Apparel, isolation gowns - 6210105010	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World	**	**	103,285,831	68,985,719	28,565,121		
China	**	**	66,354,552	47,619,160	13,190,528	46.2%	
Cambodia	**	**	12,194,259	7,311,644	6,638,352	23.2%	
Mexico	**	**	5,038,672	2,696,291	3,157,407	11.1%	

Disposable Apparel, hospitals & labs - 6210105090	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World	**	**	56,335,416	35,062,774	18,550,318		
China	**	**	44,155,606	29,047,432	14,306,502	77.1%	
Vietnam	**	**	6,279,267	2,943,386	2,016,567	10.9%	
Mexico	**	**	2,214,676	915,238	684,066	3.7%	

Surgical Drapes - 6307906090	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World		1,640,033	1,570,248	1,602,443	590,895	645,668	
China		1,253,800	1,208,564	1,183,822	452,071	480,127	74.4%
Dominican Rep		313,755	295,910	233,897	79,990	126,245	19.6%
Mexico		50,882	43,602	148,613	39,886	28,204	4.4%

Surgical Drapes - 6307906800	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World		52,747,355	51,545,147	60,412,038	22,100,639	25,266,286	
Mexico		19,043,589	21,845,853	25,994,826	10,064,264	11,030,164	43.7%
China		22,194,729	15,496,920	18,301,803	5,986,895	8,866,660	35.1%
Dominican Rep		7,950,636	8,011,326	9,867,839	3,567,996	2,736,130	10.8%

Surgical Drapes - 6307907200	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World		936,945	1,430,888	1,882,734	595,878	722,246	
China		783,664	1,031,287	1,345,260	409,783	558,247	77.3%
Japan			93,095	368,052	126,988	130,577	18.1%
Mexico		152,771	121,201	127,796	51,118	20,946	2.9%

Surgical Towels - 6307908910	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World		535,566,784	483,827,625	472,655,874	183,948,175	220,887,991	
China		515,175,910	468,943,365	457,272,763	176,166,780	216,343,589	97.9%
Mexico		14,855,846	9,173,645	11,227,459	5,509,697	4,051,729	1.8%
Pakistan		1,766,420	2,273,586	1,999,918	873,928	444,875	0.2%

Face Masks, N95 Respirators - 6307909845	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World	*	1,836,204,410	555,706,502	365,819,261	169,363,861		
China	*	1,666,866,219	288,045,161	228,940,637	78,741,718	46.5%	
Mexico	*	136,167,473	235,497,075	118,338,468	76,562,699	45.2%	
Canada	*	46,848	1,007,020	23,491	5,313,860	3.1%	
India	*	1,253,947	16,065,193	11,181,722	3,660,879	2.2%	

Face Masks, Other Respirators - 6307909850	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World	*	394,668,696	163,819,299	82,069,661	56,709,972		
China	**	337,049,015	95,086,232	57,012,924	54,538,760	96.2%	
Vietnam	**	28,822,814	63,939,385	23,550,770	1,445,100	2.5%	
South Korea	*	1,123,373	2,452,195	471,549	535,817	0.9%	
Taiwan	*	7,177,785	283,548	214,672	59,322	0.1%	

Face Masks, Disposable - 6307909870	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World	*	15,354,020,129	11,418,106,197	4,622,683,323	5,126,825,122		
China	*	13,802,682,858	9,370,758,027	3,721,702,563	3,867,257,439	75.4%	
Canada	*	4,377,509	244,478,643	2,315,902	548,791,673	10.7%	
Mexico	*	940,281,833	1,223,714,388	581,859,703	507,187,681	9.9%	
South Korea	*	47,814,369	106,749,056	64,204,719	56,243,058	1.1%	

Face Masks, Other - 607909875	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World	*	2,798,728,464	812,704,406	406,039,437	261,997,184		
China	*	1,592,208,161	605,501,056	271,007,635	205,446,620	78.4%	
Vietnam	*	658,869,455	61,905,639	43,867,402	20,066,323	7.7%	
South Korea	*	27,556,511	31,875,871	12,510,320	19,559,568	7.4%	
Hong Kong	*	1,545,136	2,177,690	537,724	9,622,319	3.6%	

Disposable Footwear - 6405902000	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - May)	2022 YTD (Jan - May)	Mkt Share YTD
World		83,319,					