

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

OTEXA - Personal Protective Equipment (PPE) February 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

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PPE by HTS

HTS	Quantity Description	Description	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Feb)	2022 YTD (Jan - Feb)	Pct Chg YTD 20 - 21
3926201010	dozen pairs	Seamless surgical and medical gloves of plastic	518,627,774	652,440,745	857,777,129	181,883,164	100,314,989	-44.8%
3926201020	dozen pairs	Disposable gloves of plastic	1,799,737,203	2,767,385,471	2,654,578,934	728,723,350	314,729,792	-56.8%
3926909950	number	Plastic face masks and shields, medical positioning or transport pads, medical waste containers or disinfectant wipes dispensers	*	188,265,762	85,946,158	21,676,306	21,571,641	-0.5%
No longer in use - 4015110110	dozen pairs	Surgical gloves, of natural rubber, other than hard rubber	16,864,933	16,918,638	16,802,053	1,912,177	***	***
No longer in use - 4015110150	dozen pairs	Surgical gloves, of natural rubber, other than hard rubber nesoi	39,605,407	56,542,856	83,400,364	16,785,594	***	***
4015121000	dozen pairs	Medical gloves, of vulcanized rubber other than hard rubber, nesoi	***	***	***	***	513,760,524	***
4015129000	dozen pairs	Gloves, mittens and mits of a kind used for dental or veterinary purposes	***	***	***	***	754,634	***
No longer in use - 4015190510	dozen pairs	Medical gloves, except surgical of natural rubber, other than hard rubber	223,614,500	241,671,580	427,944,247	41,163,470	***	***
No longer in use - 4015190550	dozen pairs	Medical gloves, except surgical of natural rubber, other than hard rubber nesoi	2,451,706,163	2,874,928,520	4,003,060,135	562,456,939.00	***	***
No longer in use - 4015191010	dozen pairs	Seamless, disposable gloves, of vulcanized rubber other than hard rubber	1,121,074,456	1,425,997,945	1,493,890,235	283,522,190.00	***	***
4015191110	dozen pairs	Seamless, disposable gloves, of vulcanized rubber other than hard rubber	***	***	***	***	185,047,672	***
4015191150	dozen pairs	Gloves seamless except disposable	***	***	***	***	11,512,537	***
4818500020	kilograms	Paper hospital/medical gowns or scrubs	*	256,924	279,680	40,051.00	19,849	-50.4%
4823908620	kilograms	Paper shoe covers (booties)	*	583,098	371,041	94,387.00	64,270	-31.9%
5601220050	kilograms	Flocked Swabs of Man-Made Fibers, Other than articles of heading 3926	**	**	189,063	50,909.00	20,139	-60.4%
No longer in use - 6210105000	dozens	Nonwoven disposable apparel designed for use in hospitals, clinics, labs or contaminated areas	114,550,212	339,594,266	**	**	**	**
6210105010	dozens	Surgical or isolation gowns, disposable, of nonwoven fabrics	**	**	103,382,740	30,442,063	8,500,815	-72.1%
6210105090	dozens	Disposable apparel designed for use in hospitals, clinics, laboratories, and other, of nonwoven fabrics	**	**	56,122,159	15,940,046	8,153,892	-48.8%
6307906090	kilograms	Surgical drapes, of fabric formed on a base of paper or covered or lined with paper	1,640,815	1,571,548	1,603,039	277,122	232,853	-16.0%
6307906800	kilograms	Surgical drapes, spunlaced or bonded fiber fabric disposable surgical drapes of man-made fibers	52,914,706	52,521,019	60,545,340	7,832,309	9,383,803	19.8%
6307907200	kilograms	Surgical drapes, other	941,244	1,441,837	1,889,507	234,833	317,193	35.1%
6307908910	number	Surgical towels of cotton	536,625,370	486,057,561	475,053,093	77,247,303	85,132,110	10.2%
6307909845	number	Face masks, including respirators without replaceable filters: N95 respirators	*	1,823,596,370	556,333,296	184,682,780	80,693,143	-56.3%
6307909850	number	Face masks, including respirators without replaceable filters, other respirators	*	397,976,248	163,225,484	48,178,469	16,147,554	-66.5%
6307909870	number	Other face masks, disposable:	*	15,347,679,789	11,387,221,175	2,088,870,631	2,835,464,481	35.7%
6307909875	number	Other face masks, other	*	2,800,535,008	819,678,256	208,568,091	130,036,806	-37.7%
6405902000	pairs	Disposable footwear, designed for one-time use	83,319,303	59,672,582	48,392,927	5,759,991	6,072,582	5.4%
6505008015	dozens	Nonwoven disposable headgear without peaks or visors	144,255,016	153,719,727	153,370,282	46,489,622	18,493,225	-60.2%

Personal Protective Equipment - by Group

Group	Quantity Description	HTS	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Feb)	2022 YTD (Jan - Feb)
Plastic/Rubber gloves	dozen pairs	3926201010, 3926201020, 4015110110, 4015110150, 4015190510, 4015190550, 4015191010, 4015121000, 4015129000, 4015191110, 4015191150	6,171,230,436	8,035,885,755	9,537,453,097	1,816,446,884	1,126,120,148
Paper Gowns and Booties	kilograms	4818500020, 4823908620	*	840,022	650,721	134,438	84,119
Flocked Swabs	kilograms	5601220050	**	**	**	**	20,139
Disposable Apparel	dozens	6210105000	114,550,212	339,594,266	**	**	**
Disposable Surgical or Isolation Gowns	dozens	6210105010	**	**	**	**	8,500,815
Disposable Apparel, Hospitals/labs	dozens	6210105090	**	**	**	**	8,153,892
Surgical Drapes	kilograms	6307906090, 6307906800, 6307907200	55,496,765	55,534,404	64,037,886	8,344,264	9,933,849
Surgical Towels	number	6307908910	536,625,370	486,057,561	475,053,093	77,247,303	85,132,110
Face Masks and Shields	number	3926909950, 6307909845, 6307909850, 6307909870, 6307909875	*	20,558,053,177	13,012,404,369	2,551,976,277	3,083,913,625
Disposable Footwear	pairs	6405902000	83,319,303	59,672,582	48,392,927	5,759,991	6,072,582
Disposable Headgear	dozens	6505008015	144,255,016	153,719,727	153,370,282	46,489,622	18,493,225

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

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

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 - Feb)	2022 YTD (Jan - Feb)	Mkt Share YTD
Plastic surgical and medical gloves - 3926201010	World	518,622,774	652,440,745	857,777,129	181,883,164	100,314,989	
	China	510,048,592	637,220,760	833,116,998	170,229,445	90,911,438	90.6%
	Vietnam	1,583,801	3,377,007	3,294,703	1,130,801	4,190,333	4.2%
	Malaysia	5,190,424	9,534,094	16,306,753	9,197,168	9,197,168	1.3%
Plastic Disposable gloves - 3926201020	World	1,799,737,203	2,767,385,471	2,654,578,934	728,723,350	314,729,792	
	China	1,753,515,517	2,705,477,638	2,593,912,203	715,558,204	304,852,629	96.9%
	Vietnam	25,494,480	18,098,218	12,428,145	2,006,194	5,008,585	1.6%
	Malaysia	8,699,196	17,102,097	13,699,876	1,861,125	2,972,497	0.9%
Plastic masks and shields etc. - 3926909950	World	*	188,265,762	85,946,158	21,676,206	21,571,641	
	China	*	136,943,064	45,334,958	13,718,996	10,332,554	47.9%
	Mexico	*	33,856,072	27,303,888	4,746,525	4,750,004	22.0%
	Vietnam	*	912,436	2,052,673	119,132	3,927,232	18.2%
Rubber surgical gloves - 4015110110	World	16,864,933	16,918,638	16,802,053	1,912,177	***	
	Malaysia	11,028,971	11,326,211	8,760,614	1,185,672	***	
	Thailand	3,399,426	2,484,815	3,026,483	357,632	***	
	Sri Lanka	1,762,051	2,043,113	1,955,583	298,270	***	
Surgical gloves of vulcanized rubber - 4015110150	World	39,605,407	56,542,856	83,400,364	16,785,594	***	
	China	1,246,331	5,459,877	16,842,029	5,623,605	***	
	Thailand	17,840,414	20,867,901	24,960,181	5,170,443	***	
	Malaysia	15,776,992	21,023,707	23,664,703	4,373,605	***	
Medical gloves, of vulcanized rubber - 4015121000	World	***	***	***	***	513,760,524	
	Malaysia	***	***	***	***	259,152,219	50.4%
	China	223,614,500	241,671,580	427,944,247	41,163,470	168,047,696	32.7%
	Thailand	2,451,706,163	2,874,928,520	4,003,060,135	562,456,939	51,799,490	10.1%
Gloves, for dental or veterinary purposes - 4015129000	World	***	***	***	***	754,634	
	China	***	***	***	***	754,275	99.95%
Medical gloves of natural rubber- 4015190510	World	223,614,500	241,671,580	427,944,247	41,163,470	***	
	Malaysia	164,412,892	166,523,264	133,500,255	23,120,041	***	
	China	23,437,563	21,788,935	225,136,203	9,876,996	***	
	Thailand	29,564,276	25,666,326	40,082,645	4,216,705	***	
Medical gloves of vulcanized rubber - 4015190550	World	2,451,706,163	2,874,928,520	4,003,060,135	562,456,939	***	
	Malaysia	1,819,504,983	2,159,500,826	2,355,176,364	378,146,395	***	
	China	347,808,591	356,283,144	1,077,224,438	104,729,071	***	
	Thailand	206,117,545	260,256,699	422,701,087	58,809,885	***	
Disposable gloves of vulcanized rubber - 4015191010	World	1,121,074,456	1,425,997,945	1,493,890,235	283,522,190	***	
	Malaysia	552,035,516	659,407,620	595,328,475	128,302,603	***	
	Thailand	353,508,813	362,970,794	380,152,273	65,997,848	***	
	China	33,268,287	187,516,743	342,199,649	60,780,843	***	
Seamless, disposable gloves, of rubber - 4015191110	World	***	***	***	***	185,047,672	
	Thailand	***	***	***	***	60,622,152	32.8%
	Malaysia	***	***	***	***	55,278,008	29.9%
	China	***	***	***	***	43,943,645	23.7%
Gloves seamless except disposable - 4015191150	World	***	***	***	***	11,512,537	
	Malaysia	***	***	***	***	5,195,701	45.1%
	Thailand	***	***	***	***	4,047,843	35.2%
	Indonesia	***	***	***	***	1,067,589	
	China	***	***	***	***	642,124	5.6%
Paper hospital/medical gowns or scrubs - 4818500020	World	*	256,924	279,680	40,051	19,849	
	China	*	118,143	71,056	20,062	11,700	58.9%
	Mexico	*	71,533	35,991	1,461	7,581	38.2%
	Turkey	*	33,125	123,570	14,534	426	2.1%
Paper shoe covers (booties) - 4823908620	World	*	583,098	371,041	94,387	64,270	
	Mexico	*	70,446	143,704	12,999	34,307	53.4%
	China	*	72,246	81,262	30,616	29,113	45.3%
	Canada	*	416,551	133,876	47,952	850	1.3%
Flocked Swabs - 5601220050	World	**	**	189,063	50,909	20,139	
	China	**	**	136,775	35,246	17,768	88.2%
	Italy	**	**	34,464	7,303	1,690	8.4%
	Mexico	**	**	11,990	2,747	661	3.3%

Plastic gloves		
World		415,044,781
China		395,764,067

Rubber gloves		
World		711,075,367
Malaysia		318,478,070
Thailand		117,617,343

Group	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Feb)	2022 YTD (Jan - Feb)	Mkt Share YTD
Disposable Apparel - 6210105000	World	114,550,212	339,594,266	**	**	**	**
	China	91,892,760	277,928,429	**	**	**	**
	Vietnam	4,131,759	16,890,430	**	**	**	**
	Mexico	5,472,228.00	11,345,456	**	**	**	**
Disposable Apparel, isolation gowns - 6210105010	World	**	**	103,382,740	30,442,063	8,500,815	
	China	**	**	66,473,462	22,008,763	4,312,010	50.7%
	Cambodia	**	**	12,204,592	2,839,776	1,367,279	16.1%
	Honduras	**	**	7,611,800	1,271,164	1,095,175	12.9%
Disposable Apparel, hospitals & labs - 6210105090	World	**	**	56,122,159	15,940,046	8,153,892	
	China	**	**	43,925,553	13,604,714	6,695,513	82.1%
	Vietnam	**	**	6,297,769	1,092,058	732,589	9.0%
	Mexico	**	**	2,210,583	304,819	248,625	3.0%
Surgical Drapes - 6307906090	World	1,640,815	1,571,548	1,603,039	277,122	232,853	
	China	1,254,469	1,209,642	1,183,925	228,127	179,256	77.0%
	Dominican Rep	313,837	296,162	234,372	30,476	38,939	16.7%
	Mexico	50,913	43,662	148,631	7,639	12,641	5.4%
Surgical Drapes - 6307906800	World	52,914,706	52,521,019	60,545,340	7,832,309	9,383,803	
	Mexico	19,049,388	22,674,499	26,002,499	3,673,146	4,162,512	44.4%
	China	22,352,390	15,613,868	18,403,935	2,250,417	3,445,087	36.7%
	Dominican Rep	7,952,021	8,014,330	9,869,826	1,046,817	850,216	9.1%
Surgical Drapes - 6307907200	World	941,244	1,441,837	1,889,507	234,833	317,193	
	China	787,963	1,042,076	1,351,820	153,127	212,553	67.0%
	Japan	-	93,095	368,052	63,583	86,220	27.2%
	Mexico	152,771	121,361	128,009	15,425	10,550	3.3%
Surgical Towels - 6307908910	World	536,625,370	486,057,561	475,053,093	77,247,303	85,132,110	
	China	516,147,869	471,136,543	459,667,878	74,681,656	83,236,450	97.8%
	Mexico	14,857,485	9,179,423	11,238,463	1,667,453	1,664,560	2.0%
	Pakistan	1,766,420	2,273,586	1,999,918	385,752	228,900	0.3%
Face Masks, N95 Respirators - 6307909845	World	*	1,823,596,370	556,333,296	184,682,780	80,693,143	
	China	*	1,664,134,579	288,685,837	128,102,644	44,583,662	55.3%
	Mexico	*	136,167,473	235,497,175	48,597,368	27,323,845	33.9%
	Canada	*	46,848	1,007,020	23,814	4,770,760	5.9%
	India	*	1,253,947	16,066,193	4,059,254	1,773,054	2.2%
Face Masks, Other Respirators - 6307909850	World	*	397,976,248	163,222,484	48,178,469	16,147,554	
	China	*	340,356,567	94,492,362	39,390,733	14,135,806	87.5%
	Vietnam	*	28,822,814	63,939,385	8,290,249	1,445,100	8.9%
	South Korea	*	1,123,373	2,452,195	216,370	454,572	2.8%
	Pakistan	*	270,727	358,656	890	49,704	0.3%
Face Masks, Disposable - 6307909870	World	*	15,247,679,789	11,387,221,175	2,088,870,631	2,835,464,481	
	China	*	13,797,201,871	9,362,530,975	1,675,498,145	2,277,258,470	80.3%
	Mexico	*	940,042,750	1,197,193,612	263,921,804	228,303,275	8.1%
	Canada	*	4,377,509	244,478,643	670,606	224,710,189	7.9%
	South Korea	*	47,777,879	110,519,056	42,259,918	37,945,357	1.3%
Face Masks, Other - 6079099875	World	*	2,800,535,008	819,678,256	208,568,091	130,036,806	
	China	*	1,594,080,331	612,477,915	136,187,423	93,113,782	71.6%
	South Korea	*	27,714,911	31,872,351	5,893,357	15,544,715	12.0%
	Vietnam	*	658,869,455	61,905,660	25,305,466	12,328,750	9.5%
	Barbados	*	-	-	-	3,001,440	2.3%
Disposable Footwear - 6405902000	World	83,319,303	59,672,582	48,392,927	5,759,991	6,072,582	
	China	42,670,074	23,985,999	12,901,706	2,223,705	3,035,200	50.0%
	Vietnam	38,712,872	33,161,521	34,628,029	3,075,558	3,025,844	49.8%
	Mexico	184,722	389,844	159,185	66,946	11,365	0.2%
Disposable Headgear - 6505008015	World	144,255,016	153,719,727	153,370,282	46,489,622	18,4	