

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

## OTEXA - Personal Protective Equipment (PPE) March 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

PPE by HTS

HTS	Quantity Description	Description	Year 2019	Year 2020	Year 2021	2021 YTD ( Jan - Mar )	2022 YTD ( Jan - Mar )	Pct Chg YTD 20 - 21
3926201010	dozen pairs	Seamless surgical and medical gloves of plastic	518,627,774	652,440,745	857,777,129	308,230,438	152,905,170	-50.4%
3926201020	dozen pairs	Disposable gloves of plastic	1,799,737,203	2,767,385,471	2,654,578,934	1,202,911,834	467,410,264	-61.1%
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	36,256,411	29,405,292	-18.9%
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	3,375,371	***	***
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	23,259,890	***	***
4015121000	dozen pairs	Medical gloves, of vulcanized rubber other than hard rubber, nesoi	***	***	***	***	839,404,147	***
4015129000	dozen pairs	Gloves, mittens and mitts of a kind used for dental or veterinary purposes	***	***	***	***	1,372,341	***
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	78,507,979	***	***
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	966,730,499.00	***	***
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	513,680,172.00	***	***
4015191110	dozen pairs	Seamless, disposable gloves, of vulcanized rubber other than hard rubber	***	***	***	***	266,500,999	***
4015191150	dozen pairs	Gloves seamless except disposable	***	***	***	***	21,683,607	***
4818500020	kilograms	Paper hospital/medical gowns or scrubs	*	256,924	279,680	46,741.00	27,078	-42.1%
4823908620	kilograms	Paper shoe covers (booties)	*	583,098	371,041	117,668.00	76,349	-35.1%
5601220050	kilograms	Flocked Swabs of Man-Made Fibers, Other than articles of heading 3926	**	**	189,063	70,090.00	24,358	-65.2%
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	47,226,600	15,741,234	-66.7%
6210105090	dozens	Disposable apparel designed for use in hospitals, clinics, laboratories, and other, of nonwoven fabrics	**	**	56,122,159	23,950,634	12,271,178	-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	417,616	364,507	-12.7%
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	12,762,014	15,161,984	18.8%
6307907200	kilograms	Surgical drapes, other	941,244	1,441,837	1,889,507	365,170	459,411	25.8%
6307908910	number	Surgical towels of cotton	536,625,370	486,057,561	475,053,093	114,191,292	135,042,130	18.3%
6307909845	number	Face masks, including respirators without replaceable filters: N95 respirators	*	1,823,596,370	556,333,296	260,929,343	109,257,567	-58.1%
6307909850	number	Face masks, including respirators without replaceable filters, other respirators	*	397,976,248	163,225,484	59,453,203	25,806,027	-56.6%
6307909870	number	Other face masks, disposable:	*	15,347,679,789	11,387,221,175	3,206,257,702	4,021,948,641	25.4%
6307909875	number	Other face masks, other	*	2,800,535,008	819,678,256	299,619,798	198,033,429	-33.9%
6405902000	pairs	Disposable footwear, designed for one-time use	83,319,303	59,672,582	48,392,927	8,085,778	9,850,689	21.8%
6505008015	dozens	Nonwoven disposable headgear without peaks or visors	144,255,016	153,719,727	153,370,282	71,827,989	27,099,673	-62.3%

### Personal Protective Equipment - by Group

Group	Quantity Description	HTS	Year 2019	Year 2020	Year 2021	2021 YTD ( Jan - Mar )	2022 YTD ( Jan - Mar )
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	3,096,696,183	1,749,276,528
Paper Gowns and Booties	kilograms	4818500020, 4823908620	*	840,022	650,721	164,409	103,427
Flocked Swabs	kilograms	5601220050	**	**	**	**	24,358
Disposable Apparel	dozens	6210105000	114,550,212	339,594,266	**	**	**
Disposable Surgical or Isolation Gowns	dozens	6210105010	**	**	**	**	15,741,234
Disposable Apparel, Hospitals/labs	dozens	6210105090	**	**	**	**	12,271,178
Surgical Drapes	kilograms	6307906090, 6307906800, 6307907200	55,496,765	55,534,404	64,037,886	13,544,800	15,985,902
Surgical Towels	number	6307908910	536,625,370	486,057,561	475,053,093	114,191,292	135,042,130
Face Masks and Shields	number	3926909950, 6307909845, 6307909850, 6307909870, 6307909875	*	20,558,053,177	13,012,404,369	3,862,516,457	4,384,450,956
Disposable Footwear	pairs	6405902000	83,319,303	59,672,582	48,392,927	8,085,778	9,850,689
Disposable Headgear	dozens	6505008015	144,255,016	153,719,727	153,370,282	71,827,989	27,099,673

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

## OTEXA - Personal Protective Equipment (PPE) March 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 - Mar)	2022 YTD (Jan - Mar)	Mkt Share YTD
<b>Plastic surgical and medical gloves - 3926201010</b>	World	518,627,774	652,440,745	857,777,129	308,230,438	152,905,170	
	China	510,048,592	637,221,306	833,116,998	294,950,211	143,422,675	93.8%
	Vietnam	1,583,801	3,377,007	3,294,703	1,627,402	4,190,333	2.7%
	United Kingdom	9	12	4	-	2,666,666	1.7%
	Malaysia	5,190,424	9,534,094	16,306,753	9,889,418	1,266,279	0.8%
	<b>Plastic Disposable gloves - 3926201020</b>	World	1,799,737,203	2,767,385,471	2,654,578,934	1,202,911,834	467,410,264
China	1,753,515,517	2,705,477,638	2,593,912,203	1,182,076,334	446,569,468	95.5%	
Vietnam	25,494,480	18,098,218	12,428,145	2,711,984	11,571,326	2.5%	
Malaysia	8,699,196	17,102,097	13,699,876	4,071,423	4,677,521	1.0%	
<b>Plastic masks and shields etc. - 3926909950</b>	World	*	188,265,762	85,946,158	36,256,411	29,405,292	
	China	*	136,943,064	45,334,958	24,147,495	12,700,470	43.2%
	Mexico	*	33,856,072	27,303,988	7,292,151	9,791,580	33.3%
	Vietnam	*	912,436	2,052,673	160,652	4,048,792	13.8%
	<b>Rubber surgical gloves - 4015110110</b>	World	16,864,933	16,918,638	16,802,053	3,375,371	***
Malaysia	11,038,971	11,326,211	8,760,614	2,146,119	***	***	
Thailand	3,399,426	2,484,815	3,026,483	611,020	***	***	
Sri Lanka	1,762,051	2,043,113	1,955,583	524,236	***	***	
<b>Surgical gloves of vulcanized rubber - 4015110150</b>	World	39,605,407	56,542,856	83,400,364	23,259,890	***	
	Thailand	17,840,414	20,867,901	24,960,181	7,992,362	***	***
	China	1,246,331	5,459,877	16,842,029	7,021,022	***	***
	Malaysia	15,776,992	21,023,707	23,664,703	5,675,915	***	***
	<b>Medical gloves, of vulcanized rubber - 4015210000</b>	World	***	***	***	***	839,404,147
Malaysia	***	***	***	***	444,772,057	53.0%	
China	***	***	***	***	247,832,943	29.5%	
Thailand	***	***	***	***	91,667,561	10.9%	
<b>Gloves, for dental or veterinary purposes - 4015129000</b>	World	***	***	***	***	1,372,341	
	China	***	***	***	***	942,401	68.67%
	Malaysia	***	***	***	***	429,572	31.30%
	<b>Medical gloves of natural rubber - 4015190510</b>	World	223,614,500	241,671,580	427,944,247	78,507,979	***
Malaysia	164,412,892	166,523,264	133,500,255	42,393,513	***	***	
China	23,437,563	21,788,935	225,136,203	16,857,379	***	***	
Thailand	29,564,276	25,666,326	40,082,645	10,678,960	***	***	
<b>Medical gloves of vulcanized rubber - 4015190550</b>	World	2,451,706,163	2,874,928,520	4,003,060,135	966,730,499	***	
	Malaysia	1,819,504,983	2,159,500,826	2,355,176,364	615,159,156	***	***
	China	347,808,591	356,283,144	1,077,224,438	233,389,170	***	***
	Thailand	206,117,545	260,256,699	422,701,087	96,008,217	***	***
<b>Disposable gloves of vulcanized rubber - 4015191010</b>	World	1,121,074,456	1,425,997,945	1,493,890,235	513,680,172	***	
	Malaysia	552,035,516	659,407,620	595,328,475	212,534,481	***	***
	China	33,268,287	187,516,743	342,199,649	145,709,061	***	***
	Thailand	353,508,813	362,970,794	380,152,273	111,160,034	***	***
<b>Seamless, disposable gloves, of rubber - 4015191110</b>	World	***	***	***	***	266,500,999	
	Thailand	***	***	***	***	92,728,648	34.8%
	Malaysia	***	***	***	***	83,570,861	31.4%
	China	***	***	***	***	54,692,201	20.5%
<b>Gloves seamless except disposable - 4015191150</b>	World	***	***	***	***	21,683,607	
	Malaysia	***	***	***	***	9,304,265	42.9%
	Thailand	***	***	***	***	8,719,661	40.2%
	Indonesia	***	***	***	***	1,079,589	***
	China	***	***	***	***	763,485	3.5%
	<b>Paper hospital/medical gowns or scrubs - 4818500020</b>	World	*	256,924	279,680	46,741	27,078
China	*	118,143	71,056	25,749	15,813	58.4%	
Mexico	*	71,533	35,991	2,464	10,402	38.4%	
Turkey	*	33,125	123,570	14,534	721	2.7%	
<b>Paper shoe covers (booties) - 4823908620</b>	World	*	583,098	371,041	117,668	76,349	
	Mexico	*	70,446	143,704	21,923	37,509	49.1%
	China	*	72,246	81,262	35,452	36,991	48.4%
	Canada	*	416,551	133,876	57,467	1,645	2.2%
	<b>Flocked Swabs - 5601220050</b>	World	**	**	189,063	70,090	24,358
China	**	**	136,775	47,117	21,270	87.3%	
Italy	**	**	34,464	12,463	2,078	8.5%	
Mexico	**	**	11,990	4,897	990	4.1%	

Plastic gloves	
World	620,315,434
China	589,992,143

Rubber gloves	
World	1,128,961,094
Malaysia	538,076,755
Thailand	193,115,870

Group	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Mar)	2022 YTD (Jan - Mar)	Mkt Share YTD
<b>Disposable Apparel - 6210105000</b>	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	**	**	**	**
	<b>Disposable Apparel, isolation gowns - 6210105010</b>	World	**	**	103,382,740	47,326,600	15,741,234
China	**	**	66,473,462	33,570,872	7,512,880	47.7%	
Cambodia	**	**	12,204,592	4,654,145	3,381,553	21.5%	
Honduras	**	**	7,611,800	2,232,723	1,656,098	10.5%	
<b>Disposable Apparel, hospitals &amp; labs - 6210105090</b>	World	**	**	56,122,159	23,950,634	12,271,176	
	China	**	**	43,925,553	20,798,763	9,572,883	78.0%
	Vietnam	**	**	6,297,269	1,499,852	1,347,106	11.0%
	Mexico	**	**	2,210,583	490,746	404,362	3.3%
<b>Surgical Drapes - 6307906090</b>	World	1,640,815	1,571,548	1,603,039	417,616	364,507	
	China	1,254,469	1,209,642	1,183,925	336,778	276,445	75.8%
	Dominican Rep	313,837	296,162	234,372	51,809	66,578	18.3%
	Mexico	50,913	43,662	148,631	12,889	19,299	5.3%
	<b>Surgical Drapes - 6307906800</b>	World	52,914,706	52,521,019	60,545,340	12,762,014	15,161,984
Mexico	19,049,388	22,674,499	26,002,499	5,940,092	6,583,139	43.4%	
China	22,352,390	15,613,868	18,403,935	3,545,091	5,300,480	35.0%	
Dominican Rep	7,952,021	8,014,330	9,869,826	1,941,112	1,843,810	12.2%	
<b>Surgical Drapes - 6307907200</b>	World	941,244	1,441,837	1,889,507	365,170	459,411	
	China	787,963	1,042,076	1,351,820	241,466	332,841	72.4%
	Japan	-	93,095	368,052	90,457	101,965	22.2%
	Mexico	152,771	121,361	128,009	29,716	16,098	3.5%
	<b>Surgical Towels - 6307908910</b>	World	536,625,370	486,057,561	475,053,093	114,191,292	135,042,130
China	516,147,869	471,136,543	459,667,878	109,481,175	132,024,758	97.8%	
Mexico	14,857,485	9,179,423	11,238,463	3,251,726	2,689,222	2.0%	
Pakistan	1,766,420	2,273,586	1,999,918	619,140	325,700	0.2%	
<b>Face Masks, N95 Respirators - 6307909845</b>	World	*	1,823,596,370	556,333,296	260,929,343	109,257,567	
	China	*	1,664,134,579	288,685,837	175,699,700	53,121,792	48.6%
	Mexico	*	136,167,473	235,497,175	75,539,858	45,680,480	41.8%
	Canada	*	46,848	1,007,020	23,314	5,025,860	4.6%
	India	*	1,253,947	16,066,193	5,287,970	2,776,873	2.5%
	<b>Face Masks, Other Respirators - 6307909850</b>	World	*	397,976,248	163,325,484	59,453,203	25,806,027
China	*	340,356,567	94,492,362	47,859,733	23,705,550	91.9%	
Vietnam	*	28,822,814	63,939,385	10,891,559	1,445,100	5.6%	
South Korea	*	1,123,373	2,452,195	303,956	512,802	2.0%	
Pakistan	*	270,727	358,656	2,890	49,704	0.2%	
<b>Face Masks, Disposable - 6307909870</b>	World	*	13,347,679,789	11,387,221,175	3,206,257,702	4,021,948,641	
	China	*	13,797,201,871	9,362,530,975	2,594,235,616	3,138,786,244	78.0%
	Canada	*	4,377,509	244,478,643	883,546	401,265,389	10.0%
	Mexico	*	940,042,750	1,197,193,612	401,067,061	343,168,159	8.5%
	South Korea	*	47,777,879	110,519,056	55,715,497	46,802,402	1.2%
<b>Face Masks, Other - 607909875</b>	World	*	2,800,535,008	819,678,256	299,619,798	198,033,429	
	China	*	1,594,080,331	612,477,915	201,642,988	146,825,475	74.1%
	Vietnam	*	658,869,455	61,905,660	34,846,522	18,319,102	9.3%
	South Korea	*	27,714,911	31,872,351	8,508,861	17,713,322	8.9%
	Hong Kong	*	1,539,036	2,177,690	495,907	7,963,799	4.0%
<b>Disposable Footwear - 6405902000</b>	World	83,319,303	59,672,582	48,392,927	8,085,778	9,850,689	
	Vietnam	38,712,872	33,161,521	34,628,029	3,728,623	5,480,458	55.6%
	China	42,670,074	23,985,999	12,901,706	3,822,805	4,253,742	43.2%
	Turkey	-	240	-	-	97,692	1.0%
	<b>Disposable Headgear - 6505008015</b>	World	144,255,016	153,719,727	153,700,282	71,827,989	27,099,673
China	137,767,123	131,406,255	121,239,851	58,582,214	21,923,338	80.9%	
Bangladesh	2,921,625	10,109,614	14,001,871	4,582,830	1,907,708	7.0%	
Vietnam	31,710	2,842,618	9,202,049	4,498,681	1,377,654	5.1%	

Disposable Apparel	
World	28,012,412
China (total)	17,085,763

Surgical Drapes	
World	15,985,902
China	5,909,766
Dominican Rep	1,910,388

Face Masks and Shields	
World	4,384,450,956
China	3,372,230,641
N95 style masks	109,257,567