

# OTEXA – Personal Protective Equipment (PPE) 2019 – June 2022 Data, By Value

## OTEXA - Personal Protective Equipment (PPE) June 2022, by HTS and Major Product Group U.S. Imports for Consumption (dollars)

\* 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  
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**PPE by HTS**

HTS	Description	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Jun)	2022 YTD (Jan - Jun)	Pct Chg YTD 21 - 22
3808945010	Wipes, not paper or nonwoven, impregnated with disinfectants	*	99,903,779	174,672,373	156,342,069	4,004,045	-97.4%
3926201010	Seamless surgical and medical gloves of plastic	163,290,447	530,007,595	1,017,545,120	840,380,491	135,449,014	-83.9%
3926201020	Disposable gloves of plastic	415,766,888	1,606,475,468	1,859,953,016	1,658,148,627	299,928,930	-81.9%
3926909950	Plastic face masks and shields, medical positioning or transport pads, medical waste containers or disinfectant wipes dispensers	*	82,888,451	86,538,227	49,267,886.00	46,933,795	-4.7%
Discontinued - 4015110110	Surgical gloves, of natural rubber, other than hard rubber	76,547,756	65,924,586	74,978,410	32,133,912	***	***
Discontinued - 4015110150	Surgical gloves, of natural rubber, other than hard rubber nesoi	345,012,058	347,032,306	384,270,058	191,190,055	***	***
Upcoming Discontinuation - 4015121000	Medical gloves, of vulcanized rubber other than hard rubber, nesoi	****	****	****	****	1,497,462,645	***
Upcoming Addition - 4015121010	Medical gloves, mittens and mitts of vulcanized rubber	****	****	****	****	****	****
Upcoming Addition - 4015121020	Surgical gloves, mittens and mitts of vulcanized rubber	****	****	****	****	****	****
4015129000	Gloves, mittens and mitts of a kind used for dental or veterinary purposes	***	***	***	***	780,825	***
Discontinued - 4015190510	Medical gloves, except surgical of natural rubber, other than hard rubber	144,474,775	239,981,758	593,667,942	381,497,989	***	***
Discontinued - 4015190550	Medical gloves, except surgical of natural rubber, other than hard rubber nesoi	1,372,739,240	2,389,461,480	7,059,582,665	4,037,445,633	***	***
Discontinued - 4015191010	Seamless, disposable gloves, of vulcanized rubber other than hard rubber	661,272,375	1,302,761,730	2,277,600,147	1,466,503,920	***	***
4015191110	Seamless, disposable gloves, of vulcanized rubber other than hard rubber	***	***	***	***	456,859,252	***
4015191150	Gloves seamless except disposable	***	***	***	***	78,179,952	***
4818500020	Paper hospital/medical gowns or scrubs	*	1,931,423	2,347,309	958,046.00	579,186	-39.5%
4823908620	Paper shoe covers (booties)	*	1,460,082	900,931	663,570.00	495,844	-25.3%
5601220050	Flocked Swabs of Man-Made Fibers, Other than articles of heading 3926	**	**	14,252,463	9,838,657	3,268,604	-66.8%
Upcoming Addition - 5603110070	Nonwoven wipes	****	****	****	****	****	****
Upcoming Addition - 5603120070	Nonwoven wipes	****	****	****	****	****	****
Upcoming Addition - 5603130070	Nonwoven wipes	****	****	****	****	****	****
Upcoming Addition - 5603920070	Nonwoven wipes	****	****	****	****	****	****
Discontinued - 6210105000	Nonwoven disposable apparel designed for use in hospitals, clinics, labs or contaminated areas	790,852,277	4,403,275,853	**	**	**	**
6210105010	Surgical or isolation gowns, disposable, of nonwoven fabrics	**	**	1,061,496,394	755,932,823	318,155,010	-57.9%
6210105090	Disposable apparel designed for use in hospitals, clinics, laboratories, and other, of nonwoven fabrics	**	**	420,959,852	292,440,305	119,974,542	-59.0%
6307906090	Surgical drapes, of fabric formed on a base of paper or covered or lined with paper	11,423,945	15,679,930	10,631,698	4,963,858	5,720,657	15.2%
6307906800	Surgical drapes, spunlaced or bonded fiber fabric disposable surgical drapes of man-made fibers	430,145,055	418,487,376	442,557,588	207,339,543	234,009,236	12.9%
6307907200	Surgical drapes, other	7,022,737	16,482,509	18,997,071	7,872,938	9,132,766	16.0%
6307908910	Surgical towels of cotton	152,419,473	139,427,323	144,454,727	66,522,903	88,221,264	32.6%
6307909845	Face masks, including respirators without replaceable filters: N95 respirators	*	2,777,647,235	176,296,250	136,406,302.00	39,978,734	-70.7%
6307909850	Face masks, including respirators without replaceable filters, other respirators	*	187,515,748	29,440,230	20,180,885.00	7,908,469	-60.8%
6307909870	Other face masks, disposable:	*	2,095,299,436	485,628,265	294,591,101.00	185,220,677	-37.1%
6307909875	Other face masks, other	*	1,397,972,465	335,309,078	247,404,236.00	43,676,030	-82.3%
6405902000	Disposable footwear, designed for one-time use	7,239,960	5,630,809	4,377,182	1,916,584	2,308,548	20.5%
6505008015	Nonwoven disposable headgear without peaks or visors	243,531,988	265,086,537	260,709,275	138,080,888	110,062,759	-20.3%
<b>TOTAL</b>	<b>Personal Protective Equipment</b>	<b>4,821,738,974</b>	<b>18,390,333,879</b>	<b>16,937,166,271</b>	<b>10,998,023,221</b>	<b>3,688,310,784</b>	<b>-66.5%</b>

### Personal Protective Equipment - by Group

Group	HTS	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Jun)	2022 YTD (Jan - Jun)	Pct Chg YTD 21 - 22
Plastic/Rubber gloves	3926201010, 3926201020, 4015110110, 4015110150, 4015190510, 4015190550, 4015191010, 4015121000, 4015129000, 4015191110, 4015191150	3,179,103,539	6,481,644,923	13,267,597,358	8,607,300,627	2,468,660,618	67.0%
Paper Gowns and Booties	4818500020, 4823908620	*	3,391,505	3,248,240	1,621,616	1,075,030	0.0%
Flocked Swabs	5601220050	**	**	**	**	3,268,604	0.1%
Disposable Apparel	6210105000	790,852,277	4,403,275,853	**	**	**	**
Disposable Surgical or Isolation Gowns	6210105010	**	**	**	**	318,155,010	8.6%
Disposable Apparel for Hospitals and Labs	6210105090	**	**	**	**	119,974,542	3.3%
Surgical Drapes	6307906090, 6307906800, 6307907200	448,591,737	450,649,815	472,186,357	220,176,339	248,862,659	6.8%
Surgical Towels	6307908910	152,419,473	139,427,323	144,454,727	66,522,903	88,221,264	2.4%
Face Masks and Shields	3926909950, 6307909845, 6307909850, 6307909870, 6307909875	*	6,541,323,335	1,113,212,050	747,850,410	323,717,705	8.8%
Disposable Footwear	6405902000	7,239,960	5,630,809	4,377,182	1,916,584	2,308,548	0.1%
Disposable Headgear	6505008015	243,531,988	265,086,537	260,709,275	138,080,888	110,062,759	3.0%
<b>TOTAL</b>	<b>Personal Protective Equipment</b>	<b>4,821,738,974</b>	<b>18,290,430,100</b>	<b>15,265,785,189</b>	<b>9,783,469,367</b>	<b>3,684,306,739</b>	<b>100.0%</b>

# OTEXA – Personal Protective Equipment (PPE) 2019 – June 2022 Data, By Value

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

U.S. Imports for Consumption (dollars)

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PPE - by Top Country

Group	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Jun)	2022 YTD (Jan - Jun)	Mkt Share YTD	
Wipes, impregnated with disinfectants - 3808945010	World	*	99,903,779	174,672,373	156,342,065	4,004,045		
	Ireland	*	327,278	2,094,713	417,162	2,765,344	69.1%	
	China	*	83,163,765	167,171,130	151,774,684	1,097,230	27.4%	
	United Kingdom	*	307,505	131,853	76,058	60,444	1.5%	
Plastic surgical and medical gloves - 3926201010	World		163,290,447	530,007,595	1,017,545,120	840,380,491	135,449,014	
	China		159,353,331	516,936,031	989,156,292	821,363,112	129,783,187	95.8%
	Malaysia		1,447,786	5,072,239	10,465,135	7,529,074	1,619,682	1.2%
	Thailand		-	635,843	7,286,417	4,036,089	1,372,287	1.0%
	World		415,766,888	1,606,475,468	1,859,953,016	1,658,148,627	299,928,930	
China	398,801,131	1,560,044,469	1,808,723,033	1,619,030,479	281,731,614	93.9%		
	Vietnam	6,619,747	12,631,836	11,940,101	9,590,675	7,953,684	2.7%	
	Malaysia	3,725,657	13,434,918	15,882,410	11,904,787	3,844,757	1.3%	
	World	*	82,888,451	86,538,227	49,267,886	46,933,795		
Mexico	*	22,430,141	15,362,431	26,274,207	29,612,941	63.1%		
China	*	43,504,104	18,149,316	12,869,972	7,023,566	15.0%		
Taiwan	*	3,836,921	3,561,839	2,172,093	3,867,067	8.2%		
Rubber surgical gloves - 4015110110	World		76,547,756	65,924,586	74,978,410	32,133,912	***	
	Malaysia		46,732,613	41,894,063	40,596,873	19,635,859	***	
	Thailand		22,002,328	15,041,331	15,713,770	6,032,453	***	
	China		509,466	590,374	9,078,152	2,168,197	***	
Surgical gloves of vulcanized rubber - 4015110150	World		345,012,058	347,032,306	384,270,058	191,190,055	***	
	Thailand		176,137,339	160,875,380	151,563,727	78,279,807	***	
	Malaysia		146,964,727	133,582,934	139,351,685	68,076,514	***	
	China		576,307	4,179,910	20,511,435	17,170,620	***	
	Indonesia		3,710,573	27,413,082	43,129,063	15,965,184	***	
Medical gloves, of vulcanized rubber - 4015121000	World	***	***	***	***	1,497,462,645		
	Malaysia	***	***	***	***	808,745,509	54.0%	
	China	***	***	***	***	309,523,418	20.7%	
	Thailand	***	***	***	***	248,464,017	16.6%	
Gloves, for dental or veterinary purposes - 4015129000	World	***	***	***	***	780,825		
	Malaysia	***	***	***	***	419,534	53.7%	
	China	***	***	***	***	330,426	42.3%	
	France	***	***	***	***	21,559	2.8%	
Medical gloves of natural rubber - 4015190510	World		144,474,775	239,981,758	593,667,942	381,497,989	***	
	Malaysia		114,936,963	170,403,168	247,872,360	172,526,578	***	
	China		12,402,343	28,219,320	247,525,238	144,656,371	***	
	Thailand		12,399,242	15,941,444	62,617,395	43,107,521	***	
Medical gloves of vulcanized rubber - 4015190550	World		1,372,739,240	2,389,461,480	7,059,582,665	4,037,445,633	***	
	Malaysia		983,979,238	1,594,933,171	4,108,099,859	2,190,806,515	***	
	China		200,321,985	507,080,125	2,049,804,840	1,329,745,816	***	
	Thailand		124,316,240	195,683,889	680,346,852	394,380,885	***	
Disposable gloves of vulcanized rubber - 4015191010	World		661,272,375	1,302,761,730	2,277,600,147	1,466,503,920	***	
	Malaysia		318,778,646	569,566,173	962,084,062	611,509,568	***	
	Thailand		214,900,116	338,772,246	568,493,832	364,517,315	***	
	China		26,125,661	248,478,427	500,387,526	357,324,821	***	
Seamless, disposable gloves, of rubber - 4015191110	World	***	***	***	***	456,859,252		
	Malaysia	***	***	***	***	170,518,385	37.3%	
	Thailand	***	***	***	***	164,523,486	36.0%	
	China	***	***	***	***	56,647,712	12.4%	
Gloves seamless except disposable - 4015191150	World	***	***	***	***	78,179,952		
	Malaysia	***	***	***	***	29,703,801	38.0%	
	Thailand	***	***	***	***	22,940,642	29.3%	
	Sri Lanka	***	***	***	***	8,586,458	11.0%	
China	***	***	***	***	5,521,309	7.1%		
Paper hospital/medical gowns or scrubs - 4818500020	World	*	1,931,423	2,347,309	958,046	579,186		
	Mexico	*	292,564	685,519	255,511	353,772	61.1%	
	China	*	676,371	302,302	184,061	184,061	31.8%	
	Turkey	*	429,778	949,448	278,700	22,532	3.9%	
Paper shoe covers (booties) - 4823908620	World	*	1,460,082	900,931	663,570	495,844		
	China	*	439,370	278,251	217,302	292,181	58.9%	
	Mexico	*	218,098	277,284	186,548	173,710	35.0%	
	Canada	*	765,472	274,162	227,991	17,217	3.5%	

Plastic gloves	
World	435,377,944
China	411,514,801

Rubber gloves	
World	2,033,282,674
Malaysia	1,008,968,095
Thailand	435,928,145

Group	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Jun)	2022 YTD (Jan - Jun)	Mkt Share YTD	
Flocked Swabs - 5601220050	World	**	**	**	14,252,463	9,838,657	3,268,604	
	China	**	**	**	10,261,504	7,243,449	2,199,995	67.3%
	Italy	**	**	**	3,177,739	1,883,621	903,817	27.7%
	Costa Rica	**	**	**	14,568	11,327	104,305	3.2%
Disposable Apparel - 6210105000	World		790,852,277	4,403,275,853	**	**	**	
	China		424,946,542	3,344,420,368	**	**	**	
	Vietnam		53,281,205	262,495,227	**	**	**	
	Mexico		141,246,724.00	225,556,190	**	**	**	
Disposable Apparel, isolation gowns - 6210105010	World	**	**	**	1,061,496,394	755,932,823	318,155,010	
	China	**	**	**	563,071,786	438,782,405	99,981,268	31.4%
	Honduras	**	**	**	124,591,069	66,780,507	73,339,454	23.1%
	Mexico	**	**	**	126,761,218	69,390,175	68,972,006	21.7%
Disposable Apparel, hospitals & labs - 6210105090	World	**	**	**	420,959,852	292,440,305	119,974,542	
	China	**	**	**	264,831,012	205,278,896	59,188,976	49.3%
	Vietnam	**	**	**	70,005,905	35,969,067	34,014,876	28.4%
	Mexico	**	**	**	46,990,626	25,324,136	16,162,965	13.5%
Surgical Drapes - 6307906090	World		11,423,945	15,679,930	10,631,698	4,963,858	5,720,657	
	China		5,160,795	9,565,049	5,906,806	2,819,502	2,999,633	52.4%
	Dominican Rep		5,081,841	4,457,648	3,295,989	1,470,683	2,147,589	37.5%
	Mexico		1,069,505	836,629	1,068,055	442,289	420,940	7.4%
Surgical Drapes - 6307906800	World		430,145,055	418,487,376	442,557,588	207,339,543	234,009,236	
	Mexico		181,740,500	163,378,227	185,636,412	90,172,806	100,187,908	42.8%
	China		155,098,507	146,261,811	140,479,417	61,437,341	83,187,350	35.5%
	Dominican Rep		73,899,486	70,230,313	68,234,460	33,865,751	24,660,252	10.3%
Surgical Drapes - 6307907200	World		7,022,737	16,482,509	18,997,071	7,872,338	9,132,766	
	China		4,720,712	7,695,988	8,288,238	3,558,069	4,603,624	50.4%
	Japan		-	1,801,609	7,038,880	2,699,721	2,834,751	31.0%
	Mexico		2,230,612	1,841,569	1,271,964	1,062,869	975,197	10.7%
Surgical Towels - 6307908910	World		152,419,473	139,427,323	144,454,727	66,522,903	88,221,264	
	China		139,761,263	131,690,106	136,453,678	61,995,981	84,998,675	96.3%
	Mexico		10,825,355	5,587,436	6,615,202	3,700,483	3,035,422	3.4%
	Pakistan		409,466	819,972	564,855	284,826	163,757	0.2%
Face Masks, N95 Respirators - 6307908845	World	*	2,777,647,235	176,296,250	136,406,302	39,978,734		
	China	*	2,730,797,645	114,506,020	99,954,564	19,212,587	48.1%	
	Mexico	*	21,493,206	35,621,573	24,529,983	11,958,408	29.9%	
	India	*	996,489	14,200,430	6,801,838	4,839,358	12.1%	
Face Masks, Other Respirators - 6307908850	World	*	187,515,748	29,440,230	20,180,885	7,908,469		
	China	*	166,783,377	20,818,717	15,335,896	6,920,507	87.5%	
	South Korea	*	2,869,459	1,466,562	472,711	404,585	5.1%	
	Peru	*	445,860	870,562	462,423	116,458	1.5%	
Face Masks, Disposable - 6307909870	World	*	2,095,299,436	485,628,265	294,591,101	185,220,677		
	China	*	1,901,944,801	335,333,266	200,302,775	116,787,494	63.1%	
	Mexico	*	70,193,496	67,615,790	39,243,639	34,948,447	18.9%	
	South Korea	*	24,259,394	39,728,450	26,884,963	17,868,830	9.6%	
	Thailand	*	4,260,685	9,191,848	6,209,717	4,184,513	2.3%	
Face Masks, Other - 607909875	World	*	1,397,972,465	335,309,078	247,404,236	43,676,030		
	China	*	765,945,524	181,157,561	130,322,908	21,573,656	49.4%	
	Vietnam	*	305,200,692	64,701,561	47,393,858	9,764,409	22.4%	
	South Korea	*	25,683,815	16,266,370	9,986,636	6,373,119	14.6%	
	Taiwan	*	4,440,787	4,567,063	1,885,213	1,704,796	3.9%	
Disposable Footwear - 6405902000	World		7,239,960	5,630,809	4,377,182	1,916,584	2,308,548	
	China		4,986,546	3,127,956	2,392,410	1,188,988	1,438,728	62.3%
	Vietnam		1,790,410	1,706,412	1,579,603	470,962	738,945	32.0%
	Mexico		152,531	382,442	166,057	101,854	62,782	2.7%
Disposable Headgear - 6505008015	World		243,531,988	265,086,537	260,709,275	138,080,888	110,062,759	
	Mexico		212,746,149	188,494,756	206,926,950	96,686,908	95,583,998	86.8%
	China		28,992,667	67,265,463	44,859,240	36,172,785	11,713,084	10.6%
	Bangladesh							