

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

OTEXA - Personal Protective Equipment (PPE) April 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

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PPE by HTS

HTS	Description	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Apr)	2022 YTD (Jan - Apr)	Pct Chg YTD 21 - 22
3926201010	Seamless surgical and medical gloves of plastic	163,298,707	530,032,175	1,018,377,740	631,614,474	102,227,795	-83.8%
3926201020	Disposable gloves of plastic	416,322,442	1,606,428,081	1,861,169,855	1,412,644,805	205,151,561	-85.5%
3926909950	Plastic face masks and shields, medical positioning or transport pads, medical waste containers or disinfectant wipes dispensers	*	83,092,872	86,438,151	34,783,878.00	31,907,357	-8.3%
No longer in use - 4015110110	Surgical gloves, of natural rubber, other than hard rubber	76,549,091	65,928,506	74,987,493	19,598,034	***	***
No longer in use - 4015110150	Surgical gloves, of natural rubber, other than hard rubber nesoi	345,022,615	347,312,226	385,623,165	122,060,283	***	***
4015121000	Medical gloves, of vulcanized rubber other than hard rubber, nesoi	***	***	***	***	995,339,240	***
4015129000	Gloves, mittens and mitts of a kind used for dental or veterinary purposes	***	***	***	***	593,738	***
No longer in use - 4015190510	Medical gloves, except surgical of natural rubber, other than hard rubber	144,899,366	239,990,903	595,500,251	203,722,669	***	***
No longer in use - 4015190550	Medical gloves, except surgical of natural rubber, other than hard rubber nesoi	1,372,311,380	2,390,429,782	7,066,312,224	2,443,366,269	***	***
No longer in use - 4015191010	Seamless, disposable gloves, of vulcanized rubber other than hard rubber	661,458,292	1,297,921,215	2,275,427,067	1,015,332,083	***	***
4015191110	Seamless, disposable gloves, of vulcanized rubber other than hard rubber	***	***	***	***	316,094,743	***
4015191150	Gloves seamless except disposable	***	***	***	***	52,928,319	***
4818500020	Paper hospital/medical gowns or scrubs	*	1,950,867	2,341,086	581,766.00	391,735	-32.7%
4823908620	Paper shoe covers (booties)	*	1,460,082	901,196	512,333.00	360,448	-29.6%
5601220050	Flocked Swabs of Man-Made Fibers, Other than articles of heading 3926	**	**	14,290,634	7,340,885	2,115,928	-71.2%
No longer in use - 6210105000	Nonwoven disposable apparel designed for use in hospitals, clinics, labs or contaminated areas	791,702,028	4,395,584,964	**	**	**	**
6210105010	Surgical or isolation gowns, disposable, of nonwoven fabrics	**	**	1,063,594,626	572,075,332	206,064,754	-64.0%
6210105090	Disposable apparel designed for use in hospitals, clinics, laboratories, and other, of nonwoven fabrics	**	**	420,351,342	220,178,296	84,291,820	-61.7%
6307906090	Surgical drapes, of fabric formed on a base of paper or covered or lined with paper	11,434,510	15,703,564	10,642,640	3,206,921	3,636,047	13.4%
6307906800	Surgical drapes, spunlaced or bonded fiber fabric disposable surgical drapes of man-made fibers	431,325,789	426,447,017	443,770,451	131,984,787	154,305,817	16.9%
6307907200	Surgical drapes, other	7,051,011	16,577,076	19,061,039	5,239,607	6,221,818	18.7%
6307908910	Surgical towels of cotton	152,748,894	140,113,601	145,233,723	44,710,793	58,612,529	31.1%
6307909845	Face masks, including respirators without replaceable filters: N95 respirators	*	2,770,341,028	176,475,649	112,930,319.00	27,843,509	-75.3%
6307909850	Face masks, including respirators without replaceable filters, other respirators	*	187,180,275	29,273,857	16,965,374.00	5,610,276	-66.9%
6307909870	Other face masks, disposable:	*	2,093,451,191	485,413,697	250,999,842.00	150,075,304	-40.2%
6307909875	Other face masks, other	*	1,400,414,049	336,024,105	201,982,764.00	35,659,845	-82.3%
6405902000	Disposable footwear, designed for one-time use	7,239,960	5,637,096	4,427,801	1,112,027	1,311,219	17.9%
6505008015	Nonwoven disposable headgear without peaks or visors	243,773,937	265,271,292	260,665,926	95,461,968	62,537,366	-34.5%
TOTAL	Personal Protective Equipment	4,825,138,022	18,281,267,862	16,776,303,718	7,548,405,509	2,503,281,168	-66.8%

Personal Protective Equipment - by Group

Group	HTS	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Apr)	2022 YTD (Jan - Apr)	Pct Chg YTD 21 - 22
Plastic/Rubber gloves	3926201010, 3926201020, 4015110110, 4015110150, 4015190510, 4015190550, 4015191010, 4015121000, 4015129000, 4015191110, 4015191150	3,179,861,893	6,478,042,888	13,277,397,795	5,848,338,617	1,672,335,396	66.8%
Paper Gowns and Booties	4818500020, 4823908620	*	3,410,949	3,242,282	1,094,099	752,183	0.0%
Flocked Swabs	5601220050	**	**	**	**	2,115,928	0.1%
Disposable Apparel	6210105000	791,702,028	4,395,584,964	**	**	**	**
Disposable Surgical or Isolation Gowns	6210105010	**	**	**	**	206,064,754	8.2%
Disposable Apparel for Hospitals and Labs	6210105090	**	**	**	**	84,291,820	3.4%
Surgical Drapes	6307906090, 6307906800, 6307907200	449,811,310	458,727,657	473,474,130	140,431,315	164,163,682	6.6%
Surgical Towels	6307908910	152,748,894	140,113,601	145,233,723	44,710,793	58,612,529	2.3%
Face Masks and Shields	3926909950, 6307909845, 6307909850, 6307909870, 6307909875	*	6,534,479,415	1,113,625,459	617,662,177	251,096,291	10.0%
Disposable Footwear	6405902000	7,239,960	5,637,096	4,427,801	1,112,027	1,311,219	0.1%
Disposable Headgear	6505008015	243,773,937	265,271,292	260,665,926	95,461,968	62,537,366	2.5%
TOTAL	Personal Protective Equipment	4,825,138,022	18,281,267,862	15,278,067,116	6,748,810,996	2,503,281,168	100.0%

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

OTEXA - Personal Protective Equipment (PPE) April 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 - Apr)	2022 YTD (Jan - Apr)	Mkt Share YTD
Plastic surgical and medical gloves - 3926201010	World	163,298,707	530,032,175	1,018,377,740	631,614,474	102,227,795	
	China	159,361,591	516,950,611	989,988,912	618,581,424	97,539,388	95.4%
	Malaysia	1,447,786	5,072,239	10,465,135	5,675,243	1,372,329	1.3%
	Thailand	-	635,843	7,286,417	2,003,494	1,372,287	1.3%
Plastic Disposable gloves - 3926201020	World	416,322,442	1,606,428,081	1,861,169,855	1,412,644,805	205,151,561	
	China	399,356,318	1,559,262,522	1,809,200,330	1,383,987,288	193,436,159	94.3%
	Vietnam	6,619,747	12,631,836	11,940,101	8,074,613	5,345,107	2.6%
	Thailand	2,380,182	6,030,300	6,756,705	2,342,095	2,363,652	1.2%
Plastic masks and shields etc. - 3926909950	World	*	83,092,872	86,438,151	34,783,878	31,907,357	
	Mexico	*	22,456,025	51,364,292	18,006,948	19,788,475	62.0%
	China	*	43,677,139	18,132,822	10,587,583	4,606,448	14.4%
	Taiwan	*	3,636,921	3,561,839	1,444,415	2,976,729	9.3%
Rubber surgical gloves - 4015110110	World	76,549,091	65,928,506	74,987,493	19,598,034	***	
	Malaysia	46,733,577	41,897,021	40,598,487	12,277,411	***	
	Thailand	22,002,699	15,041,624	15,720,452	4,569,281	***	
	China	509,466	590,374	9,078,376	273,438	***	
Surgical gloves of vulkanized rubber - 4015110150	World	345,022,615	347,312,226	385,623,165	122,060,283	***	
	Thailand	176,138,440	160,924,766	152,425,202	51,731,910	***	
	Malaysia	146,974,183	133,810,595	139,360,252	44,040,612	***	
	China	576,307	4,179,910	20,989,966	9,808,667	***	
	Indonesia	3,710,573	27,415,001	43,131,164	9,804,954	***	
Medical gloves, of vulkanized rubber - 4015121000	World	***	***	***	***	995,339,240	
	Malaysia	***	***	***	***	548,375,009	55.1%
	China	***	***	***	***	209,888,102	21.1%
	Thailand	***	***	***	***	154,862,448	15.6%
Gloves, for dental or veterinary purposes - 4015129000	World	***	***	***	***	593,738	
	Malaysia	***	***	***	***	350,864	59.1%
	China	***	***	***	***	228,939	38.6%
	France	***	***	***	***	7,629	1.3%
Medical gloves of natural rubber- 4015190510	World	144,899,366	239,990,903	595,500,251	203,722,669	***	
	Malaysia	114,936,963	170,415,761	249,399,694	112,980,767	***	
	China	12,838,009	28,215,872	247,839,649	53,039,476	***	
	Thailand	12,399,242	15,941,444	62,628,393	24,678,642	***	
Medical gloves of vulkanized rubber - 4015190550	World	1,372,311,380	2,390,429,782	7,066,312,224	2,443,366,269	***	
	Malaysia	983,981,993	1,594,890,129	4,110,112,264	1,313,034,699	***	
	China	199,891,370	509,052,377	2,052,479,626	847,016,794	***	
	Thailand	124,316,240	195,683,889	682,370,423	204,396,568	***	
Disposable gloves of vulkanized rubber - 4015191010	World	661,458,292	1,297,921,215	2,275,427,067	1,015,332,083	***	
	Malaysia	318,806,847	569,579,726	963,962,631	427,428,019	***	
	China	26,271,702	242,084,958	494,073,240	259,340,865	***	
	Thailand	214,908,582	339,536,510	570,885,085	236,552,105	***	
Seamless, disposable gloves, of rubber - 4015191110	World	***	***	***	***	316,094,743	
	Thailand	***	***	***	***	111,318,473	35.2%
	Malaysia	***	***	***	***	110,703,055	35.0%
	China	***	***	***	***	46,586,262	14.7%
Gloves seamless except disposable - 4015191150	World	***	***	***	***	52,928,319	
	Malaysia	***	***	***	***	20,032,237	37.8%
	Thailand	***	***	***	***	15,457,216	29.2%
	Sri Lanka	***	***	***	***	5,747,579	10.9%
	China	***	***	***	***	3,509,165	6.6%
Paper hospital/medical gowns or scrubs - 4818500020	World	*	1,950,867	2,341,086	581,766	391,735	
	Mexico	*	292,564	698,740	164,373	280,390	71.6%
	China	*	695,815	282,858	110,553	76,492	19.5%
	Turkey	*	429,778	949,448	200,300	23,532	5.8%
Paper shoe covers (booties) - 4823908620	World	*	1,460,082	901,196	512,333	360,448	
	China	*	439,370	278,251	142,211	188,401	52.3%
	Mexico	*	218,098	277,284	127,340	144,165	40.0%
	Canada	*	765,472	274,427	211,053	17,217	4.8%
Flocked Swabs - 5601220050	World	**	**	14,290,634	7,340,885	2,115,828	
	China	**	**	10,261,504	4,869,697	1,573,155	74.3%
	Italy	**	**	3,215,180	1,810,543	404,346	19.1%
	Costa Rica	**	**	14,568	6,525	99,759	4.7%

Plastic gloves	
World	307,379,356
China	290,975,547
	94.7%

Rubber gloves	
World	1,364,956,040
Malaysia	675,150,698
Thailand	285,597,740
	49.5%
	20.9%

Group	Country	Year 2019	Year 2020	Year 2021	2021 YTD (Jan - Apr)	2022 YTD (Jan - Apr)	Mkt Share YTD
Disposable Apparel - 6210105000	World	791,702,028	4,395,584,964	**	**	**	
	China	425,592,978	3,335,239,511	**	**	**	
	Vietnam	53,281,459	262,844,171	**	**	**	
	Mexico	141,266,422.00	225,562,894	**	**	**	
Disposable Apparel, isolation gowns - 6210105010	World	**	**	1,063,594,626	572,075,332	206,064,754	
	China	**	**	565,013,935	340,069,029	67,262,024	32.6%
	Honduras	**	**	124,682,698	46,419,562	46,071,415	22.4%
	Mexico	**	**	126,768,985	42,706,075	43,821,503	21.3%
Disposable Apparel, hospitals & labs - 6210105090	World	**	**	420,351,342	220,178,296	84,291,820	
	China	**	**	264,211,024	160,623,643	44,148,482	52.4%
	Vietnam	**	**	70,037,477	23,813,931	22,901,976	27.2%
	Mexico	**	**	46,922,243	15,985,019	11,272,082	13.4%
Surgical Drapes - 6307906090	World	11,434,510	15,703,564	10,642,640	3,206,921	3,636,047	
	China	5,167,392	9,583,712	5,913,994	1,797,481	1,935,868	53.2%
	Dominican Rep	5,084,278	4,459,893	3,300,711	930,416	1,279,888	35.2%
	Mexico	1,071,036	839,355	1,059,087	270,835	278,702	7.7%
Surgical Drapes - 6307906800	World	431,325,789	426,447,017	443,770,451	131,984,787	154,305,817	
	Mexico	181,841,820	170,079,545	185,749,526	58,072,109	65,590,704	42.5%
	China	156,133,689	147,214,451	141,341,995	39,374,012	54,316,906	35.2%
	Dominican Rep	73,927,171	70,263,171	68,247,511	20,402,191	17,339,127	11.2%
Surgical Drapes - 6307907200	World	7,051,011	16,577,076	19,061,039	5,239,607	6,221,818	
	China	4,748,986	7,779,029	8,338,850	2,215,598	3,053,946	49.1%
	Japan	-	1,801,609	7,038,880	1,968,131	2,130,637	34.2%
	Mexico	2,230,612	1,853,095	2,185,320	717,029	641,627	10.3%
Surgical Towels - 6307908910	World	152,748,894	140,113,601	145,233,723	44,710,793	58,612,529	
	China	140,076,687	132,367,931	137,231,052	41,497,099	56,388,538	96.2%
	Mexico	10,827,109	5,589,943	6,616,537	2,630,830	2,089,177	3.6%
	Pakistan	409,466	819,972	564,855	173,421	113,248	0.2%
Face Masks, N95 Respirators - 6307909845	World	*	2,770,341,028	176,475,649	112,930,319	27,843,509	
	China	*	2,723,486,538	114,679,270	87,000,473	11,706,907	42.0%
	Mexico	*	21,493,206	35,621,586	16,740,756	8,182,531	29.4%
	India	*	996,489	14,200,910	5,114,603	4,771,862	17.1%
	Tunisia	*	624,379	4,635,739	1,153,049	1,159,914	4.2%
Face Masks, Other Respirators - 6307909850	World	*	187,180,275	29,273,857	16,965,374	5,610,276	
	China	*	166,447,904	20,648,498	12,998,580	4,798,882	85.5%
	South Korea	*	2,869,459	1,468,562	249,236	371,928	6.6%
	Peru	*	445,860	870,562	256,291	88,510	1.6%
	Germany	*	41,899	293,405	10,610	62,430	1.1%
Face Masks, Disposable - 6307909870	World	*	2,093,451,191	485,413,697	250,999,842	150,075,304	
	China	*	1,900,271,612	335,173,048	170,807,322	99,163,249	66.1%
	Mexico	*	70,207,554	67,244,190	31,762,895	23,638,445	15.8%
	South Korea	*	24,233,851	39,853,700	24,460,066	14,655,789	9.8%
	Thailand	*	4,263,692	9,202,741	4,676,532	3,108,968	2.1%
Face Masks, Other - 607909875	World	*	1,400,414,049	336,024,105	201,982,764	35,659,845	
	China	*	768,502,234	181,479,135	105,158,984	17,330,426	48.6%
	Vietnam	*	305,237,585	64,694,892	38,070,046	7,650,621	21.5%
	South Korea	*	25,663,015	16,261,871	8,698,205	5,356,978	15.0%
	Taiwan	*	4,454,829	4,883,8			