

OTEXA – Personal Protective Equipment (PPE) September 2021 Data – By Value

OTEXA - Personal Protective Equipment (PPE) September 2021, 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

PPE by HTS

HTS	Description	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Pct Chg YTD 20 - 21
3926201010	Seamless surgical and medical gloves of plastic	163,298,707	530,032,175	241,747,299	949,392,026	292.7%
3926201020	Disposable gloves of plastic	416,322,442	1,606,428,081	776,865,733	1,763,434,988	127.0%
3926909950	Plastic face masks and shields, medical positioning or transport pads, medical waste containers or disinfectant wipes dispensers	*	83,092,872	48,188,551.00	68,654,358	42.5%
4015110110	Surgical gloves, of natural rubber, thr than hard rubber	76,549,091	65,928,506	48,815,514	54,660,884	12.0%
4015110150	Surgical gloves, of natural rubber, thr than hard rubber nesoi	345,022,615	347,312,226	273,982,840	294,922,449	7.6%
4015190510	Medical gloves, except surgical of natural rubber, thr than hard rubber	144,899,366	239,990,903	139,550,097	498,403,857	257.2%
4015190550	Medical gloves, except surgical of natural rubber, thr than hard rubber nesoi	1,372,311,380	2,390,429,782	1,413,654,363	5,906,000,917	317.8%
4015191010	Disposable gloves of rubber	661,458,292	1,297,921,215	761,930,068	1,968,961,287	158.4%
4818500020	Paper hospital/medical gowns or scrubs	*	1,950,867	626,773.00	1,906,537	204.2%
4823908620	Paper shoe covers (booties)	*	1,460,082	844,912.00	758,256	-10.3%
5601220050	Flocked Swabs of Man-Made Fibers, Other than articles of heading 3926	**	**	**	12,457,851	**
6210105000	Nonwoven disposable apparel designed for use in hospitals, clinics, labs or contaminated areas	791,702,028	4,395,584,964	3,602,738,115	-	
6210105010	Surgical or isolation gowns, disposable, of nonwoven fabrics	**	**	**	922,630,545	**
6210105090	Disposable apparel designed for use in hospitals, clinics, laboratories, and other areas, of nonwoven fabrics	**	**	**	365,353,625	**
6307906090	Surgical drapes, of fabric formed on a base of paper or covered or lined with paper	11,434,510	15,703,564	12,806,329	7,832,685	-38.8%
6307906800	surgical drapes of man-made fibers	431,325,789	426,447,017	327,108,069	321,933,446	-1.6%
6307907200	Surgical drapes, other	7,051,011	16,577,076	12,854,270	13,912,517	8.2%
6307908910	Surgical towels of cotton	152,748,894	140,113,601	106,703,314	104,981,639	-1.6%
6307909845	Face masks, including respirators without replaceable filters: N95 respirators	*	2,770,341,028	2,542,054,782.00	155,205,004	-93.9%
6307909850	Face masks, including respirators without replaceable filters, other respirators	*	187,180,275	154,110,365.00	25,567,855	-83.4%
6307909870	Other face masks, disposable:	*	2,093,451,191	1,705,815,363.00	359,615,614	-78.9%
6307909875	Other face masks, other	*	1,400,414,049	941,424,262.00	285,169,983	-69.7%
6405902000	Disposable footwear, designed for one-time use	7,239,960	5,637,096	4,306,783	3,243,263	-24.7%
6505008015	Nonwoven disposable headgear without peaks or visors	243,773,937	265,271,292	195,826,754	203,958,820	4.2%
TOTAL	Personal Protective Equipment	4,825,138,022	18,281,267,862	13,311,954,556	14,288,958,406	7.3%

Personal Protective Equipment - by Group

Group	HTS	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Pct of Total YTD 2021
Plastic/Rubber gloves	3926201010, 3926201020, 4015110110, 4015110150, 4015190510, 4015190550, 4015191010	3,179,861,893	6,478,042,888	3,656,545,914	11,435,776,408	80.0%
Paper Gowns and Booties	4818500020, 4823908620	*	3,410,949	1,471,685	2,664,793	0.0%
Flocked Swabs	5601220050	**	**	**	12,457,851	0.1%
Disposable Apparel	6210105000	791,702,028	4,395,584,964	3,602,738,115	**	
Disposable Surgical or Isolation Gowns	6210105010	**	**	**	922,630,545	6.5%
Disposable Apparel for Hospitals and labs	6210105090	**	**	**	365,353,625	2.6%
Surgical Drapes	6307906090, 6307906800, 6307907200	449,811,310	458,727,657	352,768,668	343,678,648	2.4%
Surgical Towels	6307908910	152,748,894	140,113,601	106,703,314	104,981,639	0.7%
Face Masks and Shields	3926909950, 6307909845, 6307909850, 6307909870, 6307909875	*	6,534,479,415	5,391,593,323	894,212,814	6.3%
Disposable Footwear	6405902000	7,239,960	5,637,096	4,306,783	3,243,263	0.0%
Disposable Headgear	6505008015	243,773,937	265,271,292	195,826,754	203,958,820	1.4%
TOTAL	Personal Protective Equipment	4,825,138,022	18,281,267,862	13,311,954,556	14,288,958,406	100.0%

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PPE - by Top Country

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Plastic surgical and medical gloves - 3926201010	World	163,298,707	530,032,175	241,747,299	949,392,026	
	China	159,361,591	516,950,611	235,148,783	925,209,954	97.5%
	Malaysia	1,447,786	5,072,239	2,736,188	9,266,980	1.0%
	Vietnam	343,868	4,442,715	1,951,823	7,382,471	0.8%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Plastic Disposable gloves - 3926201020	World	416,322,442	1,606,428,081	776,865,733	1,763,434,988	
	China	399,356,318	1,559,262,522	750,243,519	1,715,999,929	97.3%
	Malaysia	3,725,657	14,169,478	7,385,360	14,359,354	0.8%
	Vietnam	6,619,747	12,631,836	7,932,807	11,106,605	0.6%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Plastic masks and shields etc. - 3926909950	World	*	83,092,872	48,188,551	68,654,358	
	Mexico	*	22,456,025	10,332,493	39,252,494	57.2%
	China	*	43,677,139	26,558,994	15,575,674	22.7%
	Canada	*	2,545,833	1,447,058	6,599,435	9.6%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Rubber surgical gloves - 4015110110	World	76,549,091	65,928,506	48,815,514	54,660,884	
	Malaysia	46,733,577	41,897,021	29,575,481	30,173,486	55.2%
	Thailand	22,002,699	15,041,624	12,459,298	9,302,853	17.0%
	China	509,466	590,374	319,853	8,363,970	15.3%
	Sri Lanka	5,454,730	5,849,401	5,030,143	4,431,384	8.1%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Rubber surgical gloves - 4015110150	World	345,022,615	347,312,226	273,982,840	294,922,449	
	Thailand	176,138,440	160,924,766	131,991,673	118,824,282	40.3%
	Malaysia	146,974,183	133,810,595	100,555,329	110,275,803	37.4%
	Indonesia	3,710,573	27,415,001	21,997,585	27,416,548	9.3%
	China	576,307	4,179,910	3,226,310	18,946,397	6.4%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Rubber medical gloves - 4015190510	World	144,899,366	239,990,903	139,550,097	498,403,857	
	Malaysia	114,936,963	170,415,761	105,325,961	224,882,851	45.1%
	China	12,838,009	28,215,872	9,971,648	189,959,890	38.1%
	Thailand	12,399,242	15,941,444	11,314,123	54,764,337	11.0%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Rubber medical gloves - 4015190550	World	1,372,311,380	2,390,429,782	1,413,654,363	5,906,000,917	
	Malaysia	983,981,993	1,594,890,129	987,565,218	3,363,431,450	56.9%
	China	199,891,370	509,052,377	249,370,067	1,804,139,379	30.5%
	Thailand	124,316,240	195,683,889	112,864,047	554,506,248	9.4%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Rubber Disposable gloves - 4015191010	World	661,458,292	1,297,921,215	761,930,068	1,968,961,287	
	Malaysia	318,806,947	569,579,726	319,634,834	844,042,798	42.9%
	Thailand	214,908,582	339,536,510	200,974,478	487,745,664	24.8%
	China	26,271,702	242,084,958	153,751,518	441,422,262	22.4%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Paper hospital/medical gowns or scrubs - 4818500020	World	*	1,950,867	626,773	1,906,537	
	Turkey	*	429,778	-	935,300	49.1%
	Mexico	*	292,564	171,455	487,191	25.6%
	China	*	695,815	407,701	236,604	12.4%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Paper shoe covers (booties) - 4823908620	World	*	1,460,082	844,912	758,256	
	Canada	*	765,472	447,924	264,299	34.9%
	China	*	439,370	232,561	237,650	31.3%
	Mexico	*	218,098	130,585	224,578	29.6%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Flocked Swabs - 5601220050	World	**	**	**	12,457,851	
	China	**	**	**	9,341,698	75.0%
	Italy	**	**	**	2,324,675	18.7%
	Mexico	**	**	**	382,854	3.1%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Disposable Apparel - 6210105000	World	791,702,028	4,395,584,964	3,602,738,115	**	
	China	425,592,978	3,335,239,511	2,805,526,731	**	
	Vietnam	53,281,459	262,844,171	219,310,156	**	
	Turkey	-	203,497,890	177,888,507	**	

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Disposable Apparel, isolation gowns - 6210105010	World	**	**	**	922,630,545	
	China	**	**	**	509,589,626	55.2%
	Cambodia	**	**	**	107,036,858	11.6%
	Honduras	**	**	**	100,794,088	10.9%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Rubber gloves	World				8,722,949,394	
	Malaysia				4,572,806,388	52.4%
	Thailand				1,225,143,384	14.0%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Plastic gloves	World				2,712,827,014	
	China				2,641,209,883	97.4%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Disposable Apparel, hospitals & labs - 6210105090	World	**	**	**	365,353,625	
	China	**	**	**	238,684,530	65.3%
	Vietnam	**	**	**	55,128,852	15.1%
	Mexico	**	**	**	37,235,631	10.2%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Surgical Drapes - 6307906090	World	11,434,510	15,703,564	12,806,329	7,832,685	
	China	5,167,392	9,583,712	8,156,231	4,563,230	58.3%
	Dominican Rep	5,084,278	4,459,893	3,290,074	2,228,725	28.5%
	Mexico	1,071,036	839,355	658,764	744,979	9.5%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Surgical Drapes - 6307906800	World	431,325,789	426,447,017	327,108,069	321,933,446	
	Mexico	181,841,820	170,079,545	127,305,919	136,787,537	42.5%
	China	156,133,689	147,214,451	118,211,288	97,610,130	30.3%
	Dominican Rep	73,927,171	70,263,171	52,812,378	52,845,246	16.4%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Surgical Drapes - 6307907200	World	7,051,011	16,577,076	12,854,270	13,912,517	
	China	4,748,986	7,779,029	5,811,193	5,774,619	41.5%
	Japan	-	1,801,609	766,933	5,382,224	38.7%
	Mexico	2,230,612	1,853,095	1,445,428	1,651,636	11.9%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Surgical Towels - 6307908910	World	152,748,894	140,113,601	106,703,314	104,981,639	
	China	140,076,687	132,367,931	100,191,423	98,509,057	93.8%
	Mexico	10,827,109	5,589,943	4,709,390	5,215,045	5.0%
	Vietnam	759,956	929,508	789,656	672,110	0.6%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Face Masks, N95 Respirators - 6307909845	World	*	2,770,341,028	2,542,054,782	155,205,004	
	China	*	2,723,486,538	2,520,575,577	107,620,061	69.3%
	Mexico	*	21,493,206	10,085,196	30,962,536	19.9%
	India	*	996,489	115,858	9,467,766	6.1%
	Tunisia	*	624,379	303,951	2,887,215	1.9%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Face Masks, Other Respirators - 6307909850	World	*	187,180,275	154,110,365	25,567,855	
	China	*	166,447,904	142,753,598	18,751,701	73.3%
	Vietnam	*	7,717,380	1,396,759	2,941,141	11.5%
	South Korea	*	2,869,459	2,509,541	998,925	3.9%
	Australia	*	404,283	229,342	898,243	3.5%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD
Face Masks, Disposable - 6307909870	World	*	2,093,451,191	1,705,815,363	359,615,614	
	China	*	1,900,271,612	1,584,016,828	243,163,247	67.6%
	Mexico	*	70,207,554	38,527,328	49,977,797	13.9%
	South Korea	*	24,233,851	12,805,923	32,117,480	8.9%
	Thailand	*	4,263,692	1,303,314	7,658,075	2.1%

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