

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

OTEXA - Personal Protective Equipment (PPE) September 2021, 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

PPE by HTS

HTS	Quantity Description	Description	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Pct Chg YTD 20 - 21
3926201010	dozen pairs	Seamless surgical and medical gloves of plastic	518,627,774	652,440,745	420,537,029	742,386,096	76.5%
3926201020	dozen pairs	Disposable gloves of plastic	1,799,737,203	2,767,385,471	1,724,541,154	2,311,532,734	34.0%
3926909950	number	Plastic face masks and shields , medical positioning or transport pads, medical waste containers or disinfectant wipes dispensers	*	188,265,762	123,784,757	72,464,838	-41.5%
4015110110	dozen pairs	Surgical gloves , of natural rubber, thr than hard rubber	16,864,933	16,918,638	12,138,188	11,839,542	-2.5%
4015110150	dozen pairs	Surgical gloves , of natural rubber, thr than hard rubber nesoi	39,605,407	56,542,856	42,882,361	65,411,428	52.5%
4015190510	dozen pairs	Medical gloves , except surgical of natural rubber, thr than hard rubber	223,614,500	241,671,580	174,439,181	315,593,608	80.9%
4015190550	dozen pairs	Medical gloves , except surgical of natural rubber, thr than hard rubber nesoi	2,451,706,163	2,874,928,520	2,127,236,368	3,090,752,986	45.3%
4015191010	dozen pairs	Disposable gloves of rubber	1,121,074,456	1,425,997,945	990,488,142	1,237,982,009	25.0%
4818500020	kilograms	Paper hospital/medical gowns or scrubs	*	256,924	111,352.00	238,199	113.9%
4823908620	kilograms	Paper shoe covers (booties)	*	583,098	423,528.00	280,088	-33.9%
5601220050	kilograms	Flocked Swabs of Man-Made Fibers, Other than articles of heading 3926	**	**	**	171,114	
6210105000	dozens	Nonwoven disposable apparel designed for use in hospitals, clinics, labs or contaminated areas	114,550,212	339,594,266	261,721,694	-	**
6210105010	dozens	Surgical or isolation gowns , disposable, of nonwoven fabrics	**	**	**	91,478,115	**
6210105090	dozens	Disposable apparel designed for use in hospitals, clinics, laboratories, and other areas, of nonwoven fabrics	**	**	**	47,680,023	**
6307906090	kilograms	Surgical drapes , of fabric formed on a base of paper or covered or lined with paper	1,640,815	1,571,548	1,118,421	1,240,917	11.0%
6307906800	kilograms	Surgical drapes , spunlaced or bonded fiber fabric disposable	52,914,706	52,521,019	38,891,763	43,966,410	13.0%
6307907200	kilograms	Surgical drapes , other	941,244	1,441,837	1,092,504	1,351,606	23.7%
6307908910	number	Surgical towels of cotton	536,625,370	486,057,561	366,620,554	343,083,219	-6.4%
6307909845	number	Face masks , including respirators without replaceable filters: N95 respirators	*	1,823,596,370	1,545,460,039	476,472,177	-69.2%
6307909850	number	Face masks , including respirators without replaceable filters, other respirators	*	397,976,248	303,160,389	109,631,611	-63.8%
6307909870	number	Other face masks , disposable:	*	15,347,679,789	10,914,416,223	6,830,782,929	-37.4%
6307909875	number	Other face masks , other	*	2,800,535,008	1,987,769,187	596,407,152	-70.0%
6405902000	pairs	Disposable footwear , designed for one-time use	83,319,303	59,672,582	48,214,845	34,519,905	-28.4%
6505008015	dozens	Nonwoven disposable headgear without peaks or visors	144,255,016	153,719,727	94,209,650	133,795,034	42.0%

Personal Protective Equipment - by Group

Group	Quantity Description	HTS	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)
Plastic/Rubber gloves	dozen pairs	3926201010, 3926201020, 4015110110, 4015110150, 4015190510, 4015190550, 4015191010	6,171,230,436	8,035,885,755	5,492,262,423	7,775,498,403
Paper Gowns and Booties	kilograms	4818500020, 4823908620	*	840,022	534,880	518,287
Flocked Swabs	kilograms	5601220050	**	**	**	171,114
Disposable Apparel	dozens	6210105000	114,550,212	339,594,266	261,721,694	-
Disposable Surgical or Isolation Gowns	dozens	6210105010	**	**	**	91,478,115
Disposable Apparel, Hospitals/labs	dozens	6210105090	**	**	**	47,680,023
Surgical Drapes	kilograms	6307906090, 6307906800, 6307907200	55,496,765	55,534,404	41,102,688	46,558,933
Surgical Towels	number	6307908910	536,625,370	486,057,561	366,620,554	343,083,219
Face Masks and Shields	number	3926909950, 6307909845, 6307909850, 6307909870, 6307909875	*	20,558,053,177	14,874,590,595	8,085,758,707
Disposable Footwear	pairs	6405902000	83,319,303	59,672,582	48,214,845	34,519,905
Disposable Headgear	dozens	6505008015	144,255,016	153,719,727	94,209,650	133,795,034

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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 2021
Plastic surgical and medical gloves - 3926201010	World	518,627,774	652,440,745	420,537,029	742,386,096	
	China	510,048,592	637,221,306	412,502,531	720,715,901	97.1%
	Malaysia	5,190,424	9,534,094	4,895,487	14,688,013	2.0%
	Vietnam	1,583,801	3,377,007	2,177,595	3,294,703	0.4%
Plastic disposable gloves - 3926201020	World	1,799,737,203	2,767,385,471	1,724,541,154	2,311,532,734	
	China	1,753,515,517	2,705,477,638	1,683,987,264	2,257,112,531	97.6%
	Malaysia	8,699,196	17,102,097	9,136,938	11,577,148	0.5%
	Vietnam	25,494,480	18,098,218	14,687,553	11,081,883	0.5%
Plastic masks and shields etc. - 3926909500	World	*	188,265,762	123,784,757	72,464,838	
	China	*	136,943,064	98,186,240	38,707,612	53.4%
	Mexico	*	33,856,072	14,463,659	21,520,915	29.7%
	Canada	*	5,573,399	2,749,787	5,076,482	7.0%
Rubber surgical gloves - 4015110110	World	16,864,933	16,918,638	12,138,188	11,839,542	
	Malaysia	11,038,971	11,326,211	7,726,601	6,596,648	55.7%
	Thailand	3,399,426	2,484,815	1,949,181	1,817,445	15.4%
	Sri Lanka	1,762,051	2,043,113	1,806,694	1,455,014	12.3%
	China	165,839	308,927	227,782	1,293,283	10.9%
Rubber surgical gloves - 4015110150	World	39,605,407	56,542,856	42,882,361	65,411,428	
	Thailand	17,840,414	20,867,901	16,251,080	19,926,673	30.5%
	Malaysia	15,776,992	21,023,707	15,603,636	18,492,737	28.3%
	China	1,246,331	5,459,877	4,495,862	15,068,275	23.0%
Rubber medical gloves - 4015190510	World	223,614,500	241,671,580	174,439,181	315,593,608	
	China	23,437,563	21,788,935	9,112,989	146,322,323	46.4%
	Malaysia	164,412,892	166,523,264	127,088,414	114,247,728	36.2%
	Thailand	29,564,276	25,666,326	22,248,310	31,032,783	9.8%
Rubber medical gloves - 4015190550	World	2,451,706,163	2,874,928,520	2,127,236,368	3,090,752,986	
	Malaysia	1,819,504,983	2,159,500,826	1,627,044,631	1,828,044,459	59.1%
	China	347,808,591	356,283,144	237,294,900	839,572,641	27.2%
	Thailand	206,117,545	260,256,699	188,332,191	322,006,409	10.4%
Rubber disposable gloves - 4015191010	World	1,121,074,456	1,425,997,945	990,488,142	1,237,982,009	
	Malaysia	552,035,516	659,407,620	464,110,037	507,270,867	41.0%
	Thailand	353,508,813	362,970,794	265,270,443	310,883,255	25.1%
	China	33,268,287	187,516,743	110,827,903	287,575,604	23.2%
Paper hospital/medical gowns or scrubs - 4818500020	World	*	256,924	111,352	238,199	
	Turkey	*	33,125	-	123,088	51.7%
	China	*	118,143	39,157	61,462	25.8%
	Mexico	*	71,533	68,919	21,818	9.2%
Paper shoe covers (booties) - 4823908620	World	*	583,098	423,528	280,088	
	Canada	*	416,551	329,807	119,354	42.6%
	Mexico	*	70,446	33,272	77,442	27.6%
	China	*	72,246	37,689	72,902	26.0%
Flocked Swabs - 5601220050	World	**	**	**	171,114	
	China	**	**	**	127,808	74.7%
	Italy	**	**	**	26,319	15.4%
	Mexico	**	**	**	11,153	6.5%
Disposable Apparel - 6210105000	World	114,550,212	339,594,266	261,721,694	**	
	China	91,892,760	277,928,429	217,082,720	**	
	Vietnam	4,131,759	16,890,430	13,245,926	**	
	Mexico	5,472,228	11,345,456	8,240,849	**	
Disposable Apparel, isolation gowns - 6210105010	World	**	**	**	91,478,115	
	China	**	**	**	59,956,606	65.5%
	Cambodia	**	**	**	10,170,154	11.1%
	Honduras	**	**	**	6,347,892	6.9%

Rubber gloves		
World	4,721,579,573	
Malaysia	2,474,652,439	52.4%
Thailand	685,666,565	14.5%

Plastic gloves		
World	3,053,918,830	
China	2,977,828,432	97.5%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Sep)	2021 YTD (Jan - Sep)	Mkt Share YTD 2021
Disposable Apparel for Hospitals - 6210105090	World	**	**	**	47,680,023	
	China	**	**	**	37,728,639	79.1%
	Vietnam	**	**	**	5,008,775	10.5%
	Mexico	**	**	**	1,676,348	3.5%
Surgical Drapes - 6307906090	World	1,640,815	1,571,548	1,118,421	1,240,917	
	China	1,254,469	1,209,642	849,520	950,755	76.6%
	Dominican Rep	313,837	296,162	221,858	156,207	12.6%
	Mexico	50,913	43,662	32,250	105,313	8.5%
Surgical Drapes - 6307906800	World	52,914,706	52,521,019	38,891,763	43,966,410	
	Mexico	19,049,388	22,674,499	16,187,876	19,350,784	44.0%
	China	22,352,390	15,613,868	12,149,011	12,147,667	27.6%
	Dominican Rep	7,952,021	8,014,330	5,835,060	7,825,639	17.8%
Surgical Drapes - 6307907200	World	941,244	1,441,837	1,092,504	1,351,606	
	China	787,963	1,042,076	777,738	938,923	69.5%
	Japan	-	93,095	38,284	277,729	20.5%
	Mexico	152,771	121,361	95,448	101,591	7.5%
Surgical Towels - 6307908910	World	536,625,370	486,057,561	366,620,554	343,083,219	
	China	516,147,869	471,136,543	354,567,881	330,672,697	96.4%
	Mexico	14,857,485	9,179,423	7,400,277	8,759,294	2.6%
	Vietnam	3,024,778	3,151,603	2,641,779	1,948,799	0.6%
Face Masks, N95 Respirators - 6307909845	World	*	1,823,596,370	1,545,460,039	476,472,177	
	China	*	1,664,134,579	1,472,002,966	263,060,375	55.2%
	Mexico	*	136,167,473	62,815,804	191,068,177	40.1%
	India	*	1,253,947	211,039	13,644,109	2.9%
	Taiwan	*	4,290,541	1,987,678	2,971,965	0.6%
Face Masks, Other Respirators - 6307909850	World	*	397,976,248	303,160,389	109,631,611	
	China	*	340,356,567	276,668,006	81,857,445	74.7%
	Vietnam	*	28,822,814	4,599,114	23,697,615	21.6%
	South Korea	*	1,123,373	891,469	2,108,522	1.9%
	Italy	*	271,613	28,972	385,118	0.4%
Face Masks, Disposable - 6307909870	World	*	15,347,679,789	10,914,416,223	6,830,782,929	
	China	*	13,797,201,871	10,102,635,791	5,527,155,628	80.9%
	Mexico	*	940,042,750	475,168,511	865,097,038	12.7%
	Vietnam	*	339,450,084	202,098,479	92,931,161	1.4%
	South Korea	*	47,777,879	15,813,400	86,441,983	1.3%
Face Masks, Other - 607909875	World	*	2,800,535,008	1,987,769,187	596,407,152	
	China	*	1,594,080,331	1,098,360,820	422,659,036	70.9%
	Vietnam	*	658,869,455	487,652,671	52,619,636	8.8%
	South Korea	*	27,714,911	11,180,671	22,253,162	3.7%
Bangladesh	*	57,041,852	38,524,775	14,440,098	2.4%	
Disposable Footwear - 6405902000	World	83,319,303	59,672,582	48,214,845	34,519,905	
	Vietnam	38,712,872	33,161,521	27,743,602	23,717,276	68.7%
	China	42,670,074	23,985,999	18,500,273	10,109,533	29.3%
	Cambodia	1,326,000	1,748,083	1,463,083	428,225	1.2%
Disposable Headgear - 6505008015	World	144,255,016	153,719,727	94,209,650	133,795,034	
	China	137,767,123	131,406,255	80,149,009	105,899,747	79.2%
	Bangladesh	2,921,625	10,109,614	6,250,007	11,839,538	8.8%
	Vietnam	31,710	2,842,618	1,530,242	8,518,930	6.4%

Disposable Apparel	
World	139,158,138
China	97,685,245

Surgical Drapes	
World	46,558,933
China	14,037,345
Dom Rep	7,981,846

Face Masks	
World	8,085,758,707
China	6,333,440,096
N95 style masks	476,472,177
Disposable	6,830,782,929