

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

OTEXA - Personal Protective Equipment (PPE) November 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 - Nov)	2021 YTD (Jan - Nov)	Pct Chg YTD 20 - 21
3926201010	dozen pairs	Seamless surgical and medical gloves of plastic	518,627,774	652,440,745	571,891,059	829,468,772	45.0%
3926201020	dozen pairs	Disposable gloves of plastic	1,799,737,203	2,767,385,471	2,401,791,718	2,532,288,004	5.4%
3926909950	number	Plastic face masks and shields, medical positioning or transport pads, medical waste containers or disinfectant wipes dispensers	*	188,265,762	169,656,044	81,466,605	-52.0%
4015110110	dozen pairs	Surgical gloves, of natural rubber, thr than hard rubber	16,864,933	16,918,638	15,301,083	15,189,915	-0.7%
4015110150	dozen pairs	Surgical gloves, of natural rubber, thr than hard rubber nesoi	39,605,407	56,542,856	51,557,566	77,999,806	51.3%
4015190510	dozen pairs	Medical gloves, except surgical of natural rubber, thr than hard rubber	223,614,500	241,671,580	215,919,107	382,169,637	77.0%
4015190550	dozen pairs	Medical gloves, except surgical of natural rubber, thr than hard rubber nesoi	2,451,706,163	2,874,928,520	2,622,018,893	3,692,615,920	40.8%
4015191010	dozen pairs	Disposable gloves of rubber	1,121,074,456	1,425,997,945	1,271,931,599	1,405,291,023	10.5%
4818500020	kilograms	Paper hospital/medical gowns or scrubs	*	256,924	216,149.00	273,056	26.3%
4823908620	kilograms	Paper shoe covers (booties)	*	583,098	533,722.00	347,842	-34.8%
5601220050	kilograms	Flocked Swabs of Man-Made Fibers, Other than articles of heading 3926	**	**	**	182,366	**
6210105000	dozens	Nonwoven disposable apparel designed for use in hospitals, clinics, labs or contaminated areas	114,550,212	339,594,266	314,248,980	**	**
6210105010	dozens	Surgical or isolation gowns, disposable, of nonwoven fabrics	**	**	**	98,801,794	**
6210105090	dozens	Disposable apparel designed for use in hospitals, clinics, laboratories, and other, of nonwoven fabrics	**	**	**	52,373,938	**
6307906090	kilograms	Surgical drapes, of fabric formed on a base of paper or covered or lined with paper	1,640,815	1,571,548	1,408,362	1,495,201	6.2%
6307906800	kilograms	Surgical drapes, spunlaced or bonded fiber fabric disposable	52,914,706	52,521,019	47,862,765	55,059,894	15.0%
6307907200	kilograms	Surgical drapes, other	941,244	1,441,837	1,321,071	1,706,457	29.2%
6307908910	number	Surgical towels of cotton	536,625,370	486,057,561	447,240,842	427,913,529	-4.3%
6307909845	number	Face masks, including respirators without replaceable filters: N95 respirators	*	1,823,596,370	1,719,938,664	538,000,698	-68.7%
6307909850	number	Face masks, including respirators without replaceable filters, other respirators	*	397,976,248	373,647,592	147,080,590	-60.6%
6307909870	number	Other face masks, disposable:	*	15,347,679,789	14,066,141,789	10,193,758,158	-27.5%
6307909875	number	Other face masks, other	*	2,800,535,008	2,630,290,538	766,813,533	-70.8%
6405902000	pairs	Disposable footwear, designed for one-time use	83,319,303	59,672,582	55,191,435	42,613,669	-22.8%
6505008015	dozens	Nonwoven disposable headgear without peaks or visors	144,255,016	153,719,727	131,726,666	142,671,416	8.3%

Personal Protective Equipment - by Group

Group	Quantity Description	HTS	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)
Plastic/Rubber gloves	dozen pairs	3926201010, 3926201020, 4015110110, 4015110150, 4015190510, 4015190550, 4015191010	6,171,230,436	8,035,885,755	7,150,411,025	8,935,023,077
Paper Gowns and Booties	kilograms	4818500020, 4823908620	*	840,022	749,871	620,898
Flocked Swabs	kilograms	5601220050	**	**	**	182,366
Disposable Apparel	dozens	6210105000	114,550,212	339,594,266	314,248,980	**
Disposable Surgical or Isolation Gowns	dozens	6210105010	**	**	**	98,801,794
Disposable Apparel, Hospitals/labs	dozens	6210105090	**	**	**	52,373,938
Surgical Drapes	kilograms	6307906090, 6307906800, 6307907200	55,496,765	55,534,404	50,592,198	58,261,552
Surgical Towels	number	6307908910	536,625,370	486,057,561	447,240,842	427,913,529
Face Masks and Shields	number	3926909950, 6307909845, 6307909850, 6307909870, 6307909875	*	20,558,053,177	18,959,674,627	11,727,119,584
Disposable Footwear	pairs	6405902000	83,319,303	59,672,582	55,191,435	42,613,669
Disposable Headgear	dozens	6505008015	144,255,016	153,719,727	131,726,666	142,671,416

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PPE - by Top Country

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD 2021
Plastic surgical and medical gloves - 3926201010	World	518,627,774	652,440,745	571,891,059	829,468,772	
	China	510,048,592	637,221,306	558,290,390	806,133,515	97.2%
	Malaysia	5,190,424	9,534,094	9,028,167	15,232,905	1.8%
	Vietnam	1,583,801	3,377,007	3,042,674	3,294,703	0.4%

Plastic disposable gloves - 3926201020	World	1,799,737,203	2,767,385,471	2,401,791,718	2,532,288,004	
	China	1,753,515,517	2,705,477,638	2,351,434,041	2,473,229,710	97.7%
	Malaysia	8,699,196	17,102,097	11,481,949	13,122,296	0.5%
	Vietnam	25,494,480	18,098,218	17,403,033	12,119,895	0.5%

Plastic masks and shields etc. - 3926909950	World	*	188,265,762	169,656,044	81,466,605	
	China	*	136,943,064	122,968,549	43,785,164	53.7%
	Mexico	*	33,856,072	30,781,960	24,739,770	30.4%
	Canada	*	5,573,399	4,664,503	5,294,218	6.5%

Rubber surgical gloves - 4015110110	World	16,864,933	16,918,638	15,301,083	15,189,915	
	Malaysia	11,038,971	11,326,211	10,019,067	7,996,621	52.6%
	Thailand	3,399,426	2,484,815	2,372,285	2,643,741	17.4%
	China	165,839	308,927	268,831	1,838,208	12.1%
	Sri Lanka	1,762,051	2,043,113	1,975,221	1,798,606	11.8%

Rubber surgical gloves - 4015110150	World	39,605,407	56,542,856	51,557,566	77,999,806	
	Thailand	17,840,414	20,867,901	19,303,623	23,423,777	30.0%
	Malaysia	15,776,992	21,023,707	18,264,824	22,227,104	28.5%
	China	1,246,331	5,459,877	5,333,151	16,841,979	21.6%

Rubber medical gloves - 4015190510	World	223,614,500	241,671,580	215,919,107	382,169,637	
	China	23,437,563	21,788,935	15,508,218	192,927,403	50.5%
	Malaysia	164,412,892	166,523,264	152,181,206	125,567,170	32.9%
	Thailand	29,564,276	25,666,326	24,353,935	36,995,311	9.5%

Rubber medical gloves - 4015190550	World	2,451,706,163	2,874,928,520	2,622,018,893	3,692,615,920	
	Malaysia	1,819,504,983	2,159,500,826	1,979,488,228	2,175,996,491	58.9%
	China	347,808,591	356,283,144	311,802,036	998,892,578	27.1%
	Thailand	206,117,545	260,256,699	239,421,052	398,725,460	10.8%

Rubber disposable gloves - 4015191010	World	1,121,074,456	1,425,997,945	1,271,931,599	1,405,291,023	
	Malaysia	552,035,516	659,407,620	591,320,848	566,057,342	40.3%
	Thailand	353,508,813	362,970,794	331,265,239	360,130,238	25.6%
	China	33,268,287	187,516,743	155,767,856	318,414,873	22.7%

Paper hospital/medical gowns or scrubs - 4818500020	World	*	256,924	216,149	273,056	
	Turkey	*	33,125	33,125	123,088	45.1%
	China	*	118,143	103,801	70,688	25.9%
	Mexico	*	71,533	70,743	33,172	12.1%

Paper shoe covers (booties) - 4823908620	World	*	583,098	533,722	347,842	
	Canada	*	416,551	380,501	133,876	38.5%
	Mexico	*	70,446	64,447	129,016	37.1%
	China	*	72,246	64,919	72,902	21.0%

Flocked Swabs - 5601220050	World	**	**	**	182,366	
	China	**	**	**	131,701	72.2%
	Italy	**	**	**	33,008	18.1%
	Mexico	**	**	**	11,823	6.5%

Disposable Apparel - 6210105000	World	114,550,212	339,594,266	314,248,980	**	
	China	91,892,760	277,928,429	258,416,944	**	
	Mexico	5,472,228	11,345,456	10,461,355	**	
	Cambodia	5,066,901	11,205,079	9,800,998	**	

Disposable Apparel, Isolation gowns - 6210105010	World	**	**	**	98,801,794	
	China	**	**	**	63,991,115	64.8%
	Cambodia	**	**	**	11,410,415	11.5%
	Honduras	**	**	**	7,110,921	7.2%

Rubber gloves	
World	5,573,266,301
Malaysia	2,897,244,728
Thailand	821,318,527

Plastic gloves	
World	3,361,756,776
China	3,279,363,225

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD 2021
Disposable Apparel for Hospitals - 6210105090	World	**	**	**	52,373,938	
	China	**	**	**	40,806,933	77.9%
	Vietnam	**	**	**	5,993,843	11.4%
	Mexico	**	**	**	2,013,531	3.8%

Surgical Drapes - 6307906090	World	1,640,815	1,571,548	1,408,362	1,495,201	
	China	1,254,469	1,209,642	1,074,683	1,129,386	75.5%
	Dominican Rep	313,837	296,162	275,807	201,663	13.5%
	Mexico	50,913	43,662	39,964	131,884	8.8%

Surgical Drapes - 6307906800	World	52,914,706	52,521,019	47,862,765	55,059,894	
	Mexico	19,049,388	22,674,499	20,518,832	23,889,994	43.4%
	China	22,352,390	15,613,868	14,395,325	16,247,061	29.5%
	Dominican Rep	7,952,021	8,014,330	7,198,854	9,172,825	16.7%

Surgical Drapes - 6307907200	World	941,244	1,441,837	1,321,071	1,706,457	
	China	787,963	1,042,076	963,602	1,206,272	70.7%
	Japan	-	93,095	58,851	343,488	20.1%
	Mexico	152,771	121,361	116,056	117,733	6.9%

Surgical Towels - 6307908910	World	536,625,370	486,057,561	447,240,842	427,913,529	
	China	516,147,869	471,136,543	433,200,341	413,095,963	96.5%
	Mexico	14,857,485	9,179,423	8,629,131	10,750,050	2.5%
	Vietnam	3,024,778	3,151,603	2,974,403	2,056,949	0.5%

Face Masks, N95 Respirators - 6307909845	World	*	1,823,596,370	1,719,938,664	538,000,698	
	China	*	1,664,134,579	1,588,412,061	281,520,523	52.3%
	Mexico	*	136,167,473	111,618,383	227,010,230	42.2%
	India	*	1,253,947	606,783	14,492,745	2.7%
	Tunisia	*	299,680	223,538	5,067,113	0.9%

Face Masks, Other Respirators - 6307909850	World	*	397,976,248	373,647,592	147,080,590	
	China	-	340,356,567	321,846,838	92,864,072	63.1%
	Vietnam	-	28,822,814	25,104,615	49,567,285	33.7%
	South Korea	-	1,123,373	1,063,361	2,358,445	1.6%
	Italy	-	271,613	34,013	385,290	0.3%

Face Masks, Disposable - 6307909870	World	*	15,347,679,789	14,066,141,789	10,193,758,158	
	China	*	13,797,201,871	12,746,043,637	8,446,097,571	82.9%
	Mexico	*	940,042,750	789,274,569	1,093,166,323	10.7%
	Canada	*	4,377,509	3,956,149	121,313,022	1.2%
	Vietnam	*	339,450,084	307,163,543	121,254,431	1.2%

Face Masks, Other - 607909875	World	*	2,800,535,008	2,630,290,538	766,813,533	
	China	*	1,594,080,331	1,485,749,425	569,018,494	74.2%
	Vietnam	*	658,869,455	635,119,004	58,961,000	7.7%
	South Korea	*	27,714,911	20,473,924	28,157,321	3.7%
	Bangladesh	*	57,041,852	54,854,468	14,932,967	1.9%

Disposable Footwear - 6405902000	World	83,319,303	59,672,582	55,191,435	42,613,669	
	Vietnam	38,712,872	33,161,521	31,512,969	30,208,320	70.9%
	China	42,670,074	23,985,999	21,517,060	11,667,172	27.4%
	Cambodia	1,326,000	1,748,083	1,463,083	449,225	1.1%

Disposable Headgear - 6505008015	World	144,255,016	153,719,727	131,726,666	142,671,416	
	China	137,767,123	131,406,255	112,690,782	112,260,511	78.7%
	Bangladesh	2,921,625	10,109,614	8,513,425	13,189,788	9.2%
	Vietnam	31,710	2,842,618	2,350,686	9,045,461	6.3%

Disposable Apparel	
World	151,175,732
China	104,798,048

Surgical Drapes	
World	58,261,552
China	18,582,719
Dom Rep	9,374,488

Face Masks	
World	11,727,119,584
China	9,433,285,828
N95 style masks	538,000,698
Disposable	10,193,758,158