

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

### OTEXA - Personal Protective Equipment (PPE) November 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

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#### PPE by HTS

HTS	Description	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Pct Chg YTD 20 - 21
3926201010	Seamless surgical and medical gloves of plastic	163,298,707	530,032,175	421,501,739	1,005,339,583	138.5%
3926201020	Disposable gloves of plastic	416,322,442	1,606,428,081	1,297,786,811	1,823,133,089	40.5%
3926909950	Plastic face masks and shields, medical positioning or transport pads, medical waste containers or disinfectant wipes dispensers	*	83,092,872	74,704,877.00	80,905,281	8.3%
4015110110	Surgical gloves, of natural rubber, thr than hard rubber	76,549,091	65,928,506	60,184,741	68,031,229	13.0%
4015110150	Surgical gloves, of natural rubber, thr than hard rubber nesoi	345,022,615	347,312,226	321,067,498	354,234,013	10.3%
4015190510	Medical gloves, except surgical of natural rubber, thr than hard rubber	144,899,366	239,990,903	199,262,090	559,146,788	180.6%
4015190550	Medical gloves, except surgical of natural rubber, thr than hard rubber nesoi	1,372,311,380	2,390,429,782	2,018,043,371	6,754,447,482	234.7%
4015191010	Disposable gloves of rubber	661,458,292	1,297,921,215	1,096,062,639	2,184,478,394	99.3%
4818500020	Paper hospital/medical gowns or scrubs	*	1,950,867	1,380,627.00	2,271,351	64.5%
4823908620	Paper shoe covers (booties)	*	1,460,082	1,240,823.00	831,711	-33.0%
5601220050	Flocked Swabs of Man-Made Fibers, Other than articles of heading 3926	**	**	**	13,672,238	**
6210105000	Nonwoven disposable apparel designed for use in hospitals, clinics, labs or contaminated areas	791,702,028	4,395,584,964	4,157,265,391	**	**
6210105010	Surgical or isolation gowns, disposable, of nonwoven fabrics	**	**	**	1,015,481,391	**
6210105090	Disposable apparel designed for use in hospitals, clinics, laboratories, and other, of nonwoven fabrics	**	**	**	401,640,235	**
6307906090	Surgical drapes, of fabric formed on a base of paper or covered or lined with paper	11,434,510	15,703,564	14,716,251	9,706,944	-34.0%
6307906800	Surgical drapes, spunlaced or bonded fiber fabric disposable					
6307906800	surgical drapes of man-made fibers	431,325,789	426,447,017	395,057,091	404,952,699	2.5%
6307907200	Surgical drapes, other	7,051,011	16,577,076	15,138,818	17,414,527	15.0%
6307908910	Surgical towels of cotton	152,748,894	140,113,601	129,231,624	131,400,062	1.7%
6307909845	Face masks, including respirators without replaceable filters: N95 respirators	*	2,770,341,028	2,694,810,159.00	169,445,411	-93.7%
6307909850	Face masks, including respirators without replaceable filters, other respirators	*	187,180,275	182,367,234.00	28,168,285	-84.6%
6307909870	Other face masks, disposable:	*	2,093,451,191	2,002,316,787.00	455,453,368	-77.3%
6307909875	Other face masks, other	*	1,400,414,049	1,319,644,634.00	321,197,581	-75.7%
6405902000	Disposable footwear, designed for one-time use	7,239,960	5,637,096	5,088,371	3,933,220	-22.7%
6505008015	Nonwoven disposable headgear without peaks or visors	243,773,937	265,271,292	239,418,773	243,265,576	1.6%
<b>TOTAL</b>	<b>Personal Protective Equipment</b>	<b>4,825,138,022</b>	<b>18,281,267,862</b>	<b>16,646,290,349</b>	<b>16,048,550,458</b>	<b>-3.6%</b>

#### Personal Protective Equipment - by Group

Group	HTS	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Pct of Total YTD 2021
Plastic/Rubber gloves	3926201010, 3926201020, 4015110110, 4015110150, 4015190510, 4015190550, 4015191010	3,179,861,893	6,478,042,888	5,413,908,889	12,748,810,578	79.4%
Paper Gowns and Booties	4818500020, 4823908620	*	3,410,949	2,621,450	3,103,062	0.0%
Flocked Swabs	5601220050	**	**	**	13,672,238	0.1%
Disposable Apparel	6210105000	791,702,028	4,395,584,964	4,157,265,391	**	
Disposable Surgical or Isolation Gowns	6210105010	**	**	**	1,015,481,391	6.3%
Disposable Apparel for Hospitals and labs	6210105090	**	**	**	401,640,235	2.5%
Surgical Drapes	6307906090, 6307906800, 6307907200	449,811,310	458,727,657	424,912,160	432,074,170	2.7%
Surgical Towels	6307908910	152,748,894	140,113,601	129,231,624	131,400,062	0.8%
Face Masks and Shields	3926909950, 6307909845, 6307909850, 6307909870, 6307909875	*	6,534,479,415	6,273,843,691	1,055,169,926	6.6%
Disposable Footwear	6405902000	7,239,960	5,637,096	5,088,371	3,933,220	0.0%
Disposable Headgear	6505008015	243,773,937	265,271,292	239,418,773	243,265,576	1.5%
<b>TOTAL</b>	<b>Personal Protective Equipment</b>	<b>4,825,138,022</b>	<b>18,281,267,862</b>	<b>16,646,290,349</b>	<b>16,048,550,458</b>	<b>100.0%</b>

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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
Plastic surgical and medical gloves - 3926201010	World	163,298,707	530,032,175	421,501,739	1,005,339,583	
	China	159,361,591	516,950,611	411,294,176	978,866,106	97.4%
	Malaysia	1,447,786	5,072,239	3,969,006	9,667,822	1.0%
	Vietnam	343,868	4,442,715	3,630,485	7,382,471	0.7%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Plastic Disposable gloves - 3926201020	World	416,322,442	1,606,428,081	1,297,786,811	1,823,133,089	
	China	399,356,318	1,559,262,522	1,259,354,907	1,772,534,211	97.2%
	Malaysia	3,725,657	14,169,478	10,980,672	15,631,684	0.9%
	Vietnam	6,619,747	12,631,836	11,479,472	11,835,294	0.6%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Plastic masks and shields etc. - 3926909950	World	*	83,092,872	74,704,877	80,905,281	
	Mexico	-	22,456,025	19,627,324	47,721,023	59.0%
	China	-	43,677,139	39,486,548	17,305,002	21.4%
	Canada	-	2,545,833	2,181,224	7,374,603	9.1%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Rubber surgical gloves - 4015110110	World	76,549,091	65,928,506	60,184,741	68,031,229	
	Malaysia	46,733,577	41,897,021	37,412,289	36,496,346	53.6%
	Thailand	22,002,699	15,041,624	14,461,392	13,596,080	20.0%
	China	509,466	590,374	456,456	8,958,186	13.2%
	Sri Lanka	5,454,730	5,849,401	5,613,395	5,509,162	8.1%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Rubber surgical gloves - 4015110150	World	345,022,615	347,312,226	321,067,498	354,234,013	
	Thailand	176,138,440	160,924,766	150,946,258	141,784,494	40.0%
	Malaysia	146,974,183	133,810,595	121,385,580	128,823,883	36.4%
	Indonesia	3,710,573	27,415,001	24,962,388	36,323,830	10.3%
	Sri Lanka	16,878,516	19,529,086	18,299,114	21,768,505	6.1%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Rubber medical gloves - 4015190510	World	144,899,366	239,990,903	199,262,090	559,146,788	
	Malaysia	114,936,963	170,415,761	144,853,477	240,507,507	43.0%
	China	12,838,009	28,215,872	19,799,700	226,046,681	40.4%
	Thailand	12,399,242	15,941,444	13,781,685	59,456,333	10.6%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Rubber medical gloves - 4015190550	World	1,372,311,380	2,390,429,782	2,018,043,371	6,754,447,482	
	Malaysia	983,981,993	1,594,890,129	1,360,746,833	3,900,491,558	57.7%
	China	199,891,370	509,052,377	408,100,994	1,988,958,167	29.4%
	Thailand	124,316,240	195,683,889	167,414,414	657,170,750	9.7%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Rubber Disposable gloves - 4015191010	World	661,458,292	1,297,921,215	1,096,062,639	2,184,478,394	
	Malaysia	318,806,947	569,579,726	476,215,264	928,959,264	42.5%
	Thailand	214,908,582	339,536,510	292,490,838	547,236,824	25.1%
	China	26,271,702	242,084,958	203,009,768	476,835,083	21.8%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Paper hospital/medical gowns or scrubs - 4818500020	World	*	1,950,867	1,380,627	2,271,351	
	Turkey	*	429,778	429,778	935,300	41.2%
	Mexico	*	292,564	253,936	657,911	29.0%
	China	*	695,815	619,168	280,077	12.3%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Paper shoe covers (booties) - 4823908620	World	*	1,460,082	1,240,823	831,711	
	Canada	*	765,472	621,662	274,427	33.0%
	Mexico	*	218,098	185,600	259,282	31.2%
	China	*	439,370	396,419	237,650	28.6%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Flocked Swabs - 5601220050	World	**	**	**	13,672,238	
	China	**	**	**	9,783,217	71.6%
	Italy	**	**	**	3,079,628	22.5%
	Mexico	**	**	**	400,769	2.9%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Disposable Apparel - 6210105000	World	791,702,028	4,395,584,964	4,157,265,391	**	
	China	425,592,978	3,335,239,511	3,181,590,027	**	
	Mexico	141,266,422	225,562,894	204,376,952	**	
	Honduras	86,001,621.00	115,152,088	101,803,417	**	

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Disposable Apparel, Isolation gowns - 6210105010	World	**	**	**	1,015,481,391	
	China	**	**	**	546,848,533	53.9%
	Cambodia	**	**	**	120,472,338	11.9%
	Mexico	**	**	**	117,336,050	11.6%

Group	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Rubber gloves		9,920,337,906		
Malaysia		5,235,278,558		52.8%
Thailand		1,419,244,481		14.3%

Group	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Plastic gloves		2,828,472,672		
China		2,751,400,317		97.3%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Disposable Apparel, hospitals & labs - 6210105090	World	**	**	**	401,640,235	
	China	**	**	**	254,250,948	63.3%
	Vietnam	**	**	**	66,144,344	16.5%
	Mexico	**	**	**	43,384,319	10.8%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Surgical Drapes - 6307906090	World	11,434,510	15,703,564	14,716,251	9,706,944	
	China	5,167,392	9,583,712	9,057,479	5,540,432	57.1%
	Dominican Rep	5,084,278	4,459,893	4,112,366	2,890,800	29.8%
	Mexico	1,071,036	839,355	784,007	943,771	9.7%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Surgical Drapes - 6307906800	World	431,325,789	426,447,017	395,057,091	404,952,699	
	Mexico	181,841,820	170,079,545	157,225,287	170,255,189	42.0%
	China	156,133,689	147,214,451	137,742,127	127,402,531	31.5%
	Dominican Rep	73,927,171	70,263,171	64,318,309	63,116,341	15.6%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Surgical Drapes - 6307907200	World	7,051,011	16,577,076	15,138,818	17,414,527	
	China	4,748,986	7,779,029	7,565,786	7,465,589	42.9%
	Japan	-	1,801,609	1,181,147	6,562,120	37.7%
	Mexico	2,230,612	1,853,095	1,732,232	1,996,900	11.5%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Surgical Towels - 6307908910	World	152,748,894	140,113,601	129,231,624	131,400,062	
	China	140,076,687	132,367,931	121,884,849	123,717,593	94.2%
	Mexico	10,827,109	5,589,943	5,304,507	6,311,894	4.8%
	Vietnam	759,956	929,508	879,657	707,756	0.5%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Face Masks, N95 Respirators - 6307909845	World	*	2,770,341,028	2,694,810,159	169,445,411	
	China	*	2,723,486,538	2,656,304,052	112,788,578	66.6%
	Mexico	*	21,493,206	17,598,510	34,624,496	20.4%
	India	*	996,489	524,332	11,409,434	6.7%
	Tunisia	*	624,379	465,197	4,354,969	2.6%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Face Masks, Other Respirators - 6307909850	World	*	187,180,275	182,367,234	28,168,285	
	China	*	166,447,904	162,811,821	20,178,579	71.6%
	Vietnam	*	7,717,380	7,618,554	3,455,213	12.3%
	South Korea	*	2,869,459	2,829,235	1,347,592	4.8%
	Australia	*	404,283	357,993	898,243	3.2%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Face Masks, Disposable - 6307909870	World	*	2,093,451,191	2,002,316,787	455,453,368	
	China	*	1,900,271,612	1,832,377,599	315,656,917	69.3%
	Mexico	*	70,207,554	60,212,274	62,137,490	13.6%
	South Korea	*	24,233,851	19,187,405	37,200,259	8.2%
	Thailand	*	4,263,692	3,000,858	8,730,355	1.9%

Group	Country	Year 2019	Year 2020	2020 YTD (Jan - Nov)	2021 YTD (Jan - Nov)	Mkt Share YTD
Face Masks, Other - 607909875	World	*	1,400,414,049	1,319,644,634	321,197,581	
	China	*	768,502			