

# **ISAPS International Survey on Aesthetic/Cosmetic Procedures Performed in 2011**

## **Methodology:**

Survey participants completed a two-page, English-based questionnaire that focused on the number of surgical and non-surgical procedures they performed in 2011.

The International Society of Aesthetic Plastic Surgeons (ISAPS) issued an invitation to participate in the study to approximately 20,000 Plastic Surgeons whose contact information is housed in its proprietary database. In addition, a request was made that all National Societies encourage their members/constituents to take part in the survey.

The American Society of Aesthetic Plastic Surgery (ASAPS) and the Brazilian Society provided special assistance to this year's study. Specifically, ASAPS permitted the use of data collected from its annual survey of U.S. Plastic Surgeons, and the Brazilian Society heavily promoted the ISAPS survey to its members. Based on these efforts, the results include responses from 431 U.S. plastic surgeons and 172 plastic surgeons from Brazil.

Data from a total of 996 plastic surgeons were compiled for this survey.

Final figures have been projected to reflect international statistics and are exclusively based on the estimated number of Plastic Surgeons in each country and the respondent sample. This International Survey is focused entirely on board certified (or national equivalent) Plastic Surgeons.

To aid in tallying the world-wide estimate of plastic surgeons, representatives from National Societies provided the counts for over 90% of the 32,000 total estimated plastic surgeons. For cases in which the National Society did not provide its country's total, a regression equation was used to estimate the number of plastic surgeons in the country based on its population size and Gross Domestic Product.

Studies such as this must often address outlying responses. Though the outlying values may be legitimate, their presence can distort the averages, which provide the base of the estimated projections. A "two pass" process was followed in which responses that exceeded three standard deviations from the aggregate mean were set equal to the aggregated mean value.

With the exception of the United States and Brazil, each country's extrapolation base (its average procedures per plastic surgeon) includes data from all respondents of the country's respective continent. A weighting system was employed that emphasized responses from the particular country.

Caution is urged when observing year-to-year comparisons, because studies such as this can experience substantial variances within specific procedures. The pool of responding physicians varies from year to year and the sample sizes for specific countries may significantly fluctuate between years.

The *International Survey on Aesthetic/Cosmetic Procedures Performed in 2011* was compiled, tabulated, and analyzed by Industry Insights, Inc. ([www.industryinsights.com](http://www.industryinsights.com)), an independent research firm based in Columbus, OH. The survey leader was Scott Hackworth, a CPA and research analyst who along with his firm has conducted various forms of research on trends in Aesthetic Plastic Surgery for over 15 years.

Countries by Number of Plastic Surgeons (Top 25)					
Rank		Plastic Surgeons	Percent of Total Plastic Surgeons	Percent of Total Procedures	Rank in 2010
1	U.S.	5,950	18.7%	21.1%	1
2	Brazil	5,024	15.8%	9.8%	2
3	China	2,000	6.3%	7.1%	3
4	Japan	1,831	5.7%	6.5%	5
5	Mexico	1,518	4.8%	5.4%	6
6	Italy	1,500	4.7%	4.8%	7
7	South Korea	1,250	3.9%	4.4%	8
8	India*	955	3.0%	3.2%	4
9	France	953	3.0%	3.1%	9
10	Colombia	950	3.0%	2.5%	10
11	Germany	863	2.7%	2.8%	11
12	Spain	567	1.8%	1.9%	13
13	Turkey	509	1.6%	1.8%	12
14	Russia	486	1.5%	1.6%	14
15	United Kingdom	450	1.4%	1.4%	15
16	Canada	425	1.3%	1.5%	16
17	Venezuela	383	1.2%	1.0%	17
18	Taiwan	350	1.1%	1.2%	18
19	Argentina	347	1.1%	0.9%	19
20	Greece	286	0.9%	1.0%	20
21	Thailand	265	0.8%	0.9%	21
22	Australia	228	0.7%	0.7%	22
23	Saudi Arabia	225	0.7%	0.8%	23
24	Netherlands	215	0.7%	0.7%	24
25	Romania	200	0.6%	0.7%	25

\*India's estimated number of plastic surgeons was provided by their National Society for this year's study. Their provided count of 955 is materially different than the 2,000 plastic surgeons that were estimated for this study in prior years.

Countries by Total Number of Procedures (Top 25)								
Rank		Total Surgical Procedures	% of total surgical procedures	Total Nonsurgical Procedures	% of total nonsurgical procedures	Total Procedures	% of total procedures	Rank in 2010
1	U.S.	1,094,146	17.2%	2,011,100	24.1%	3,105,246	21.1%	1
2	Brazil	905,124	14.2%	542,090	6.5%	1,447,213	9.8%	2
3	China	415,140	6.5%	635,720	7.6%	1,050,860	7.1%	3
4	Japan	372,773	5.9%	579,878	7.0%	952,651	6.5%	4
5	Mexico	299,835	4.7%	494,731	5.9%	794,567	5.4%	6
6	Italy	316,470	5.0%	388,440	4.7%	704,910	4.8%	7
7	South Korea	258,350	4.1%	391,588	4.7%	649,938	4.4%	8
8	India*	191,439	3.0%	274,792	3.3%	466,231	3.2%	5
9	France	207,049	3.2%	248,247	3.0%	455,296	3.1%	9
10	Germany	187,193	2.9%	228,255	2.7%	415,448	2.8%	11
11	Colombia	211,879	3.3%	159,629	1.9%	371,507	2.5%	10
12	Spain	125,103	2.0%	151,020	1.8%	276,123	1.9%	13
13	Turkey	104,767	1.6%	161,378	1.9%	266,146	1.8%	12
14	Russia	104,223	1.6%	125,169	1.5%	229,392	1.6%	14
15	Canada	81,893	1.3%	139,239	1.7%	221,132	1.5%	15
16	United Kingdom	95,063	1.5%	116,343	1.4%	211,406	1.4%	16
17	Taiwan	72,909	1.1%	108,903	1.3%	181,811	1.2%	19
18	Greece	60,329	0.9%	82,065	1.0%	142,394	1.0%	20
19	Venezuela	81,158	1.3%	61,027	0.7%	142,185	1.0%	17
20	Thailand	55,642	0.9%	80,555	1.0%	136,197	0.9%	22
21	Argentina	73,706	1.2%	59,594	0.7%	133,300	0.9%	18
22	Saudi Arabia	46,962	0.7%	70,254	0.8%	117,216	0.8%	23
23	Australia	40,427	0.6%	67,698	0.8%	108,124	0.7%	21
24	Netherlands	46,343	0.7%	55,109	0.7%	101,452	0.7%	24
25	Romania	43,258	0.7%	53,644	0.6%	96,902	0.7%	25

\*India's estimated number of plastic surgeons was provided by their National Society for this year's study. Their provided count of 955 is materially different than the 2,000 plastic surgeons that were estimated for this study in prior years.

Number of Procedures and Plastic Surgeons by Continent						
Rank	Continent	Total Procedures	Percent of Total Procedures	Plastic Surgeons	Percent of Total Plastic Surgeons	Rank in 2010
1	Asia	4,336,866	29.5%	8,379	26.3%	1
2	North America	4,188,171	28.5%	8,022	25.2%	2
3	Europe	3,544,572	24.1%	7,440	23.3%	3
4	South America	2,271,302	15.4%	7,186	22.5%	4
5	Africa	238,964	1.6%	594	1.9%	5
6	Oceania	127,952	0.9%	273	0.9%	6

<b>Number of World-Wide Surgical Procedures Performed by Plastic Surgeons</b>				
<b>Rank</b>	<b>Surgical Procedure</b>	<b>Total</b>	<b>Percent of Total Surgical Procedures</b>	<b>Rank in 2010</b>
1	Lipoplasty	1,268,287	19.9%	1
2	Breast augmentation	1,205,251	18.9%	2
3	Blepharoplasty	703,610	11.0%	3
4	Abdominoplasty	553,399	8.7%	4
5	Rhinoplasty	478,023	7.5%	5
6	Breast lift	444,222	7.0%	7
7	Breast reduction (women)	428,129	6.7%	6
8	Facelift	308,926	4.8%	8
9	Gynecomastia, treatment of (male breast reduction)	174,806	2.7%	10
10	Otoplasty	167,772	2.6%	9
11	Lip augmentation (other than injectable materials)	145,144	2.3%	11
12	Forehead lift	109,086	1.7%	12
13	Buttock augmentation	75,591	1.2%	15
14	Upper arm lift	73,709	1.2%	13
15	Chin augmentation	60,095	0.9%	14
16	Vaginal rejuvenation	55,746	0.9%	17
17	Thigh lift	47,672	0.7%	16
18	Lower body lift	47,284	0.7%	18
19	Buttock lift	24,319	0.4%	19
<b>Total Surgical Procedures</b>		<b>6,371,070</b>		

<b>Number of World-Wide Nonsurgical Procedures Performed by Plastic Surgeons</b>				
<b>Rank</b>	<b>Nonsurgical Procedure</b>	<b>Total</b>	<b>Percent of Total Nonsurgical Procedures</b>	<b>Rank in 2010</b>
1	Botulinum Toxin Type A (Botox Dysport)	3,179,652	38.1%	1
2	Hyaluronic Acid	1,937,576	23.2%	2
3	Laser hair removal	906,316	10.9%	3
4	Autologous fat injections <sup>■</sup>	455,444	5.5%	4
5	IPL Laser Treatment	454,188	5.4%	5
6	Microdermabrasion	333,414	4.0%	6
7	Chemical Peel	295,888	3.5%	7
8	Noninvasive Tightening	208,788	2.5%	9
9	Laser Skin Resurfacing	194,868	2.3%	8
10	Calcium Hydroxylapatite	140,764	1.7%	10
11	Laser-Assisted Lipoplasty	93,726	1.1%	11
12	Sclerotherapy	80,132	1.0%	12
13	Dermabrasion	56,002	0.7%	13
<b>Total Nonsurgical Procedures</b>		<b>8,336,758</b>		
<sup>■</sup> Though some may consider this a surgical procedure, it is classified as a nonsurgical procedure in this study since its indications are approximately the same as filler.				

Countries Performing Most Popular Surgical Procedures				
Rank	Country	Number of Procedures	Percentage of Total	Rank in 2010*
<b>Lipoplasty</b>				
1	U.S.	223,066	17.6%	2
2	Brazil	211,108	16.6%	1
3	China	83,240	6.6%	4
4	Japan	72,892	5.7%	5
5	Mexico	62,010	4.9%	*
* Did not place in Top 5 for 2010. India fell from Top 5 in 2011 due to new estimated plastic surgeon counts.				
<b>Breast augmentation</b>				
1	U.S.	284,351	23.6%	1
2	Brazil	148,962	12.4%	2
3	Mexico	72,712	6.0%	3
4	Italy	62,055	5.1%	4
5	China	56,840	4.7%	5
<b>Blepharoplasty</b>				
1	U.S.	110,016	15.6%	1
2	Brazil	90,281	12.8%	2
3	China	45,820	6.5%	3
4	Italy	41,790	5.9%	*
5	Japan	40,996	5.8%	4
* Did not place in Top 5 for 2010. India fell from Top 5 in 2011 due to new estimated plastic surgeon counts.				
<b>Abdominoplasty</b>				
1	U.S.	114,062	20.6%	1
2	Brazil	95,004	17.2%	2
3	China	31,780	5.7%	4
4	Mexico	30,208	5.5%	5
5	Japan	28,142	5.1%	*
* Did not place in Top 5 for 2010. India fell from Top 5 in 2011 due to new estimated plastic surgeon counts.				
<b>Rhinoplasty</b>				
1	China	51,680	10.8%	2
2	Japan	46,599	9.7%	4
3	Brazil	43,809	9.2%	1
4	U.S.	40,103	8.4%	5
5	South Korea	31,863	6.7%	*
* Did not place in Top 5 for 2010. India fell from Top 5 in 2011 due to new estimated plastic surgeon counts.				
♦National Societies of the following countries materially restated their country's estimated number of plastic surgeons in 2010 compared to the figure used in 2009: Brazil; China; Colombia; France; Italy; and United Kingdom. This may affect ranking comparisons, since 2009 rankings were not recomputed.				

Countries Performing Most Popular Nonsurgical Procedures				
Rank	Country	Number of Procedures	Percentage of Total	Rank in 2010
1	U.S.	579,739	18.9%	1
<b>Botulinum Toxin Type A (Botox Dysport)</b>				
1	U.S.	815,150	25.6%	1
2	China	233,500	7.3%	4
3	Japan	208,313	6.6%	5
4	Mexico	204,657	6.4%	3
5	Brazil	179,859	5.7%	2
<b>Hyaluronic Acid</b>				
1	U.S.	404,779	20.9%	1
2	China	146,700	7.6%	2
3	Japan	132,180	6.8%	5
4	Italy	123,750	6.4%	3
5	Mexico	97,774	5.0%	4
<b>Laser hair removal</b>				
1	U.S.	228,361	25.2%	1
2	China	85,440	9.4%	4
3	Japan	77,818	8.6%	3
4	Brazil	70,487	7.8%	2
5	South Korea	52,825	5.8%	*
* Did not place in Top 5 for 2010. India fell from Top 5 in 2011 due to new estimated plastic surgeon counts.				
<b>Autologous fat injections<sup>■</sup></b>				
1	Brazil	62,549	13.7%	1
2	U.S.	49,980	11.0%	2
3	China	36,400	8.0%	3
4	Japan	33,214	7.3%	4
5	Italy	24,240	5.3%	*
* Did not place in Top 5 for 2010. India fell from Top 5 in 2011 due to new estimated plastic surgeon counts.				
<b>IPL Laser Treatment</b>				
1	U.S.	109,302	24.1%	1
2	Brazil	39,690	8.7%	2
3	China	38,960	8.6%	4
4	Japan	36,437	8.0%	3
5	Mexico	26,034	5.7%	*
* Did not place in Top 5 for 2010. India fell from Top 5 in 2011 due to new estimated plastic surgeon counts.				
<sup>■</sup> Though some may consider this a surgical procedure, it is classified as a nonsurgical procedure in this study since its indications are approximately the same as filler.				

<b>Most Common Procedures By Country</b>	
	<b>Number of Procedures Performed</b>
<b>United States</b>	
<b>Surgical Procedures</b>	
Breast augmentation	284,351
Lipoplasty	223,066
Abdominoplasty	114,062
Blepharoplasty	110,016
Breast lift	98,651
<b>Nonsurgical Procedures</b>	
Botulinum Toxin Type A (Botox Dysport)	815,150
Hyaluronic Acid	404,779
Laser hair removal	228,361
Microdermabrasion	165,470
IPL Laser Treatment	109,302
<b>Brazil</b>	
<b>Surgical Procedures</b>	
Lipoplasty	211,108
Breast augmentation	148,962
Abdominoplasty	95,004
Blepharoplasty	90,281
Breast reduction (women)	66,417
<b>Nonsurgical Procedures</b>	
Botulinum Toxin Type A (Botox Dysport)	179,859
Hyaluronic Acid	79,028
Laser hair removal	70,487
Autologous fat injections <sup>■</sup>	62,549
IPL Laser Treatment	39,690
<b>China</b>	
<b>Surgical Procedures</b>	
Lipoplasty	83,240
Breast augmentation	56,840
Rhinoplasty	51,680
Blepharoplasty	45,820
Abdominoplasty	31,780
<b>Nonsurgical Procedures</b>	
Botulinum Toxin Type A (Botox Dysport)	233,500
Hyaluronic Acid	146,700
Laser hair removal	85,440
IPL Laser Treatment	38,960
Autologous fat injections <sup>■</sup>	36,400
<sup>■</sup> Though some may consider this a surgical procedure, it is classified as a nonsurgical procedure in this study since its indications are approximately the same as filler.	



<b>Most Common Procedures By Country (continued)</b>	
	<b>Number of Procedures Performed</b>
<b>Japan</b>	
<b>Surgical Procedures</b>	
Lipoplasty	72,892
Breast augmentation	52,220
Rhinoplasty	46,599
Blepharoplasty	40,996
Abdominoplasty	28,142
<b>Nonsurgical Procedures</b>	
Botulinum Toxin Type A (Botox Dysport)	208,313
Hyaluronic Acid	132,180
Laser hair removal	77,818
IPL Laser Treatment	36,437
Autologous fat injections <sup>■</sup>	33,214
<b>Mexico</b>	
<b>Surgical Procedures</b>	
Breast augmentation	72,712
Lipoplasty	62,010
Abdominoplasty	30,208
Blepharoplasty	29,616
Breast lift	26,595
<b>Nonsurgical Procedures</b>	
Botulinum Toxin Type A (Botox Dysport)	204,657
Hyaluronic Acid	97,774
Laser hair removal	51,324
Microdermabrasion	39,195
IPL Laser Treatment	26,034
<sup>■</sup> Though some may consider this a surgical procedure, it is classified as a nonsurgical procedure in this study since its indications are approximately the same as filler.	

## Total Procedures for Top 25 Countries

		1	2	3	4	5	6	7	8	9	10	11	12
	World-Wide Totals	U.S.	Brazil	China	Japan	Mexico	Italy	South Korea	India	France	Germany	Colombia	Spain
<b>NUMBER OF PLASTIC SURGEONS IN COUNTRY (2011)</b>	<b>31,894</b>	<b>5,950</b>	<b>5,024</b>	<b>2,000</b>	<b>1,831</b>	<b>1,518</b>	<b>1,500</b>	<b>1,250</b>	<b>955</b>	<b>953</b>	<b>863</b>	<b>950</b>	<b>567</b>
<b>Surgical Procedures</b>													
Abdominoplasty	553,399	114,062	95,004	31,780	28,142	30,208	20,970	19,800	15,070	14,019	12,703	21,765	8,403
Blepharoplasty	703,610	110,016	90,281	45,820	40,996	29,616	41,790	29,050	20,045	27,513	24,949	18,877	15,972
Breast augmentation	1,205,251	284,351	148,962	56,840	52,220	72,712	62,055	35,325	24,859	41,484	36,816	38,779	25,135
Breast lift	444,222	98,651	64,960	20,980	19,372	26,595	22,365	13,138	9,292	14,657	13,523	13,927	8,959
Breast reduction (women)	428,129	69,020	66,417	29,720	27,538	18,550	19,215	18,500	13,561	12,723	11,737	12,369	7,643
Buttock augmentation	75,591	5,950	21,452	4,800	4,248	3,507	1,770	2,963	2,034	1,229	941	6,641	760
Buttock lift	24,319	2,737	1,909	1,980	1,758	1,108	1,500	1,225	879	982	941	931	556
Chin augmentation	60,095	7,140	5,979	6,080	5,475	2,474	2,715	3,700	2,779	1,725	1,545	2,090	1,089
Facelift	308,926	64,498	38,484	17,580	16,094	16,652	16,095	11,088	7,869	10,521	9,467	8,009	6,396
Forehead lift	109,086	22,134	11,404	7,040	6,665	5,784	5,520	4,450	3,085	3,679	3,202	3,116	2,376
Gynecomastia, treatment of (male breast reduction)	174,806	14,102	22,960	15,800	13,934	4,220	10,050	7,812	6,337	5,851	4,532	3,946	
Lip augmentation (other than injectable materials)	145,144	4,403	23,311	15,260	13,476	2,323	7,230	9,600	6,666	4,479	4,186	5,615	2,773
Lipoplasty	1,268,287	223,066	211,108	83,240	72,892	62,010	54,315	51,200	41,628	35,137	32,535	48,754	21,563
Lower body lift	47,284	5,831	6,481	3,720	3,296	1,837	2,400	2,300	1,671	1,487	1,433	1,786	936
Otoplasty	167,772	7,854	28,788	10,740	9,485	2,839	12,600	6,713	4,851	8,091	7,180	5,966	4,961
Rhinoplasty	478,023	40,103	43,809	51,680	46,599	13,267	24,990	31,863	23,617	15,782	13,549	12,759	9,571
Thigh lift	47,672	6,426	6,230	2,920	2,563	1,898	3,090	1,800	1,289	2,001	1,769	1,397	1,162
Upper arm lift	73,709	11,365	8,541	4,620	4,083	3,431	4,320	2,850	2,197	2,935	2,736	2,290	1,656
Vaginal rejuvenation	55,746	2,440	9,043	4,540	3,937	805	3,480	2,763	2,235	2,268	2,132	2,280	1,247
<b>Total Surgical Procedures</b>	<b>6,371,070</b>	<b>1,094,146</b>	<b>905,124</b>	<b>415,140</b>	<b>372,773</b>	<b>299,835</b>	<b>316,470</b>	<b>258,350</b>	<b>191,439</b>	<b>207,049</b>	<b>187,193</b>	<b>211,879</b>	<b>125,103</b>
<b>Nonsurgical Procedures</b>													
<b>Injectables</b>													
Autologous fat■	455,444	49,980	62,549	36,400	33,214	16,410	24,240	23,175	16,455	16,039	13,894	17,746	9,095
Botulinum Toxin Type A (Botox Dysport)	3,179,652	815,150	179,859	233,500	208,313	204,657	150,285	145,688	97,611	96,282	91,392	51,110	56,961
Calcium Hydroxylapatite	140,764	68,425	2,763	6,040	4,907	15,468	4,170	3,500	2,368	2,649	2,373	409	2,183
Hyaluronic Acid	1,937,576	404,779	79,028	146,700	132,180	97,774	123,750	90,113	61,072	78,537	74,399	24,662	46,925
<b>Facial Rejuvenation</b>													
Chemical peel	295,888	55,573	29,943	19,760	22,521	12,918	16,410	12,500	11,078	10,559	9,208	5,311	7,433
Dermabrasion	56,002	6,902	4,019	5,900	5,749	1,913	2,625	3,538	2,731	1,706	1,812	1,492	1,196
IPL Laser Treatment	454,188	109,302	39,690	38,960	36,437	26,034	17,025	22,225	16,350	10,931	9,053	8,702	7,190
Laser Skin Resurfacing	194,868	38,556	22,658	17,120	15,490	9,624	7,755	9,800	7,707	4,775	4,047	4,836	2,994
Microdermabrasion	333,414	165,470	25,170	9,360	8,697	39,195	4,290	5,775	4,641	2,849	2,313	12,702	1,724
Noninvasive Tightening	208,788	44,030	12,861	18,100	18,328	12,296	9,360	11,100	8,404	5,832	4,919	4,769	3,487
<b>Other</b>													
Laser-Assisted Lipoplasty	93,726	3,094	7,034	14,440	12,689	1,715	2,640	8,875	6,045	1,639	1,381	2,993	1,009
Laser hair removal	906,316	228,361	70,487	85,440	77,818	51,324	21,225	52,825	38,439	13,685	11,210	22,401	8,964
Sclerotherapy	80,132	21,480	6,029	4,000	3,534	5,404	4,665	2,475	1,891	2,764	2,252	2,499	1,860
<b>Total Nonsurgical Procedures</b>	<b>8,336,758</b>	<b>2,011,100</b>	<b>542,090</b>	<b>635,720</b>	<b>579,878</b>	<b>494,731</b>	<b>388,440</b>	<b>391,588</b>	<b>274,792</b>	<b>248,247</b>	<b>228,255</b>	<b>159,629</b>	<b>151,020</b>
<b>Total Procedures</b>	<b>14,707,827</b>	<b>3,105,246</b>	<b>1,447,213</b>	<b>1,050,860</b>	<b>952,651</b>	<b>794,567</b>	<b>704,910</b>	<b>649,938</b>	<b>466,231</b>	<b>455,296</b>	<b>415,448</b>	<b>371,507</b>	<b>276,123</b>

\* Whereas this study focused exclusively on board-certified Plastic Surgeons, survey conducted by the American Society of Aesthetic Plastic Surgery include board-certified Plastic Surgeons as well as board-certified Dermatologists and board-certified Otolaryngologists (ears, nose and through specialists).

■ Though some may consider this a surgical procedure, it is classified as a nonsurgical procedure in this study since its indications are approximately the same as filler.

## Total Procedures for Top 25 Countries (continued)

	13	14	15	16	17	18	19	20	21	22	23	24	25
	Turkey	Russia	Canada	United Kingdom	Taiwan	Greece	Venezuela	Thailand	Argentina	Saudi Arabia	Australia	Netherlands	Romania
<b>NUMBER OF PLASTIC SURGEONS IN COUNTRY (2011)</b>	<b>509</b>	<b>486</b>	<b>425</b>	<b>450</b>	<b>350</b>	<b>286</b>	<b>383</b>	<b>265</b>	<b>347</b>	<b>225</b>	<b>228</b>	<b>215</b>	<b>200</b>
<b>Surgical Procedures</b>													
Abdominoplasty	7,920	6,916	8,449	6,413	5,618	4,130	8,177	4,229	7,398	3,652	3,174	3,141	2,922
Blepharoplasty	10,918	14,225	8,254	12,533	7,998	8,054	7,491	6,151	6,857	4,984	5,586	6,132	5,498
Breast augmentation	14,680	20,572	20,375	19,031	10,038	11,623	14,389	7,738	13,429	6,424	8,541	9,213	8,724
Breast lift	5,436	7,193	7,378	6,719	3,721	4,304	5,381	2,843	4,855	2,513	2,469	3,296	3,082
Breast reduction (women)	8,139	6,099	5,109	5,877	5,268	3,684	5,025	3,956	4,449	3,393	2,640	2,939	2,622
Buttock augmentation	1,125	588	714	536	851	349	2,432	665	2,148	675	18	260	286
Buttock lift	453	476	268	455	350	312	341	284	281	214	57	221	238
Chin augmentation	1,466	904	608	788	1,054	535	747	811	694	677	324	381	370
Facelift	4,103	5,516	4,650	4,869	3,098	3,123	3,374	2,353	3,081	1,913	1,968	2,337	2,172
Forehead lift	1,720	2,002	1,632	1,710	1,246	1,067	1,168	1,018	1,079	752	1,512	875	786
Gynecomastia, treatment of (male breast reduction)	4,097	3,149	1,169	2,948	2,783	1,899	1,915	2,072	1,725	1,814	1,284	1,451	1,328
Lip augmentation (other than injectable materials)	3,853	2,236	519	2,097	2,706	1,379	2,191	2,062	2,103	1,694	1,044	1,017	1,022
Lipoplasty	20,436	17,792	16,524	16,034	14,529	10,259	18,135	10,913	16,160	9,601	5,406	7,807	7,316
Lower body lift	916	729	472	689	662	432	716	570	604	473	276	350	334
Otoplasty	3,044	4,301	706	3,812	1,883	2,380	2,424	1,426	2,165	1,177	960	1,838	1,710
Rhinoplasty	13,458	8,000	3,460	7,299	8,981	4,702	4,879	6,771	4,567	5,630	3,762	3,489	3,346
Thigh lift	702	948	510	891	518	586	567	445	514	331	447	441	416
Upper arm lift	1,105	1,361	893	1,296	819	852	900	686	798	547	561	636	618
Vaginal rejuvenation	1,196	1,215	208	1,071	791	661	904	649	802	502	399	518	468
<b>Total Surgical Procedures</b>	<b>104,767</b>	<b>104,223</b>	<b>81,893</b>	<b>95,063</b>	<b>72,909</b>	<b>60,329</b>	<b>81,158</b>	<b>55,642</b>	<b>73,706</b>	<b>46,962</b>	<b>40,427</b>	<b>46,343</b>	<b>43,258</b>
<b>Nonsurgical Procedures</b>													
<b>Injectables</b>													
Autologous fat	9,086	7,781	4,165	7,079	6,405	4,782	6,492	4,746	5,930	4,223	2,013	3,500	3,258
Botulinum Toxin Type A (Botox Dysport)	59,685	47,730	56,848	45,464	40,061	31,225	19,702	29,624	18,242	25,378	23,103	21,446	20,496
Calcium Hydroxylapatite	1,288	1,361	4,492	1,238	984	766	184	726	187	806	153	593	536
Hyaluronic Acid	38,211	39,643	27,697	36,891	25,116	24,562	9,518	18,619	9,553	16,828	14,793	17,209	16,234
<b>Facial Rejuvenation</b>													
Chemical peel	4,678	5,502	3,732	4,883	3,500	3,761	2,543	2,586	2,207	2,095	1,596	2,352	2,202
Dermabrasion	1,410	816	561	779	1,015	521	582	750	541	614	237	376	356
IPL Laser Treatment	7,900	5,730	7,510	5,130	5,898	4,296	3,428	4,357	3,560	3,526	8,418	2,483	2,792
Laser Skin Resurfacing	4,077	2,615	2,720	2,268	2,814	1,727	1,969	2,078	1,971	1,708	1,179	1,084	1,124
Microdermabrasion	2,194	1,371	11,178	1,314	1,659	1,236	4,389	1,224	4,553	992	39	634	710
Noninvasive Tightening	4,097	2,965	3,375	2,745	3,056	2,039	2,061	2,255	2,297	2,095	0	1,322	1,688
<b>Other</b>													
Laser-Assisted Lipoplasty	4,209	1,045	361	770	2,548	552	1,199	1,882	1,482	1,703	0	374	398
Laser hair removal	23,613	7,169	15,122	6,422	15,138	5,626	8,123	11,183	8,304	9,864	15,807	3,107	3,284
Sclerotherapy	931	1,443	1,479	1,364	711	972	839	525	767	423	360	628	566
<b>Total Nonsurgical Procedures</b>	<b>161,378</b>	<b>125,169</b>	<b>139,239</b>	<b>116,343</b>	<b>108,903</b>	<b>82,065</b>	<b>61,027</b>	<b>80,555</b>	<b>59,594</b>	<b>70,254</b>	<b>67,698</b>	<b>55,109</b>	<b>53,644</b>
<b>Total Procedures</b>	<b>266,146</b>	<b>229,392</b>	<b>221,132</b>	<b>211,406</b>	<b>181,811</b>	<b>142,394</b>	<b>142,185</b>	<b>136,197</b>	<b>133,300</b>	<b>117,216</b>	<b>108,124</b>	<b>101,452</b>	<b>96,902</b>

■ Though some may consider this a surgical procedure, it is classified as a nonsurgical procedure in this study since its indications are approximately the same as filler.