



AMERICAN SOCIETY OF  
PLASTIC SURGEONS®

# PLASTIC SURGERY STATISTICS REPORT

*ASPS National Clearinghouse of  
Plastic Surgery Procedural Statistics*



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# About the American Society of Plastic Surgeons

## The American Society of Plastic Surgeons®

ASPS®, a non-profit organization, supports members in their efforts to provide the highest quality patient care through education, research and advocacy. It is the only organization with two decades of plastic surgery statistics - 1992-2020. ASPS is the largest organization of board-certified plastic surgeons in the world. With more than 8,000 members, the Society is recognized as a leading authority and information source on cosmetic and reconstructive plastic surgery. ASPS comprises more than 93 percent of all board-certified plastic surgeons in the United States. Founded in 1931, the Society represents physicians certified by The American Board of Plastic Surgery, Inc.® (ABPS®) or The Royal College of Physicians and Surgeons of Canada.

The ASPS mission is to advance quality care to plastic surgery patients by encouraging high standards of training, ethics, physician practice, and research in plastic surgery.

ASPS Member Surgeons are uniquely qualified to perform cosmetic and reconstructive plastic surgery on the face and all areas of the body.

Consumers can visit the ASPS at [PlasticSurgery.org](http://PlasticSurgery.org) to find ASPS Member Surgeons in their area or learn more about cosmetic and reconstructive plastic surgery, like us on [Facebook.com/PlasticSurgeryASPS](https://www.facebook.com/PlasticSurgeryASPS) and follow us at [Twitter.com/ASPS\\_News](https://twitter.com/ASPS_News).

## ASPS Spokespersons Network

The ASPS Spokespersons Network is a valuable plastic surgery resource. It comprises more than 100 plastic surgeons from across the United States and Canada trained and available to assist journalists.

These spokespersons provide expert perspectives on a broad range of plastic surgery topics including procedural details, the patient-physician relationship, emerging trends, teens, and minorities.

They are also knowledgeable about the Society's positions on health care reform, scope of practice and other issues that affect patient care.

To arrange interviews with members of the ASPS Spokespersons Network, contact the ASPS Public Relations Department.

## PlasticSurgery.org

The ASPS online newsroom is the most comprehensive site for journalistic research on cosmetic and reconstructive plastic surgery on the Internet. The latest news releases and the online version of the National Clearinghouse of Plastic Surgery Statistics are available.

Full color graphics and statistical graphs can be downloaded or are available by contacting the ASPS Public Relations Department.

## Pre- and Postoperative Photos and B-Roll

ASPS has a library of pre- and postoperative images and B-roll available to the media by contacting the ASPS Public Relations Department.



ASPS Member Surgeons have the following qualifications:

Are **certified** by The American Board of Plastic Surgery and **trained** specifically in plastic surgery.

Have at least **6 years** surgical training, minimum of 3 years plastic surgery training.

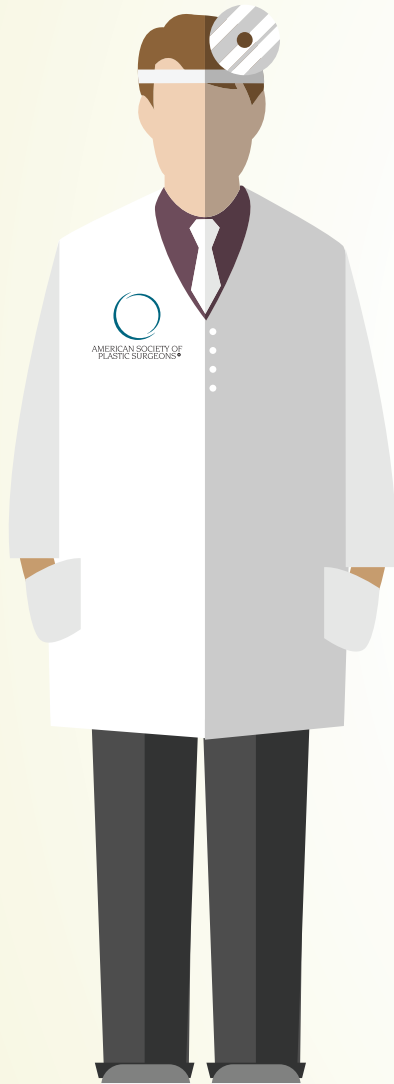
Operate only in **accredited** medical facilities.

Adhere to a strict code of **ethics**.

Fulfill continuing education requirements, including **patient safety** techniques.

Are **partners** with patients in cosmetic and reconstructive plastic surgery

# Methodology and Validity



## Methodology

Since 1992, the American Society of Plastic Surgeons® (ASPS®) has been the source of cosmetic and reconstructive plastic surgery statistical trends in the U.S., and this series represents over two decades of procedural data. ASPS has partnered with Data Harbor Solutions, a health care industry data management and technology development company, to ensure objectivity in the gathering, analysis and publication of its procedural statistics.

Since 2000, the report represents a universal and comprehensive estimate of cosmetic and reconstructive plastic surgery procedures performed by ASPS Member Surgeons as well as other physicians most likely to perform plastic surgery procedures. These physicians are all certified by American Board of Medical Specialties (ABMS) recognized boards.

ABMS is the umbrella organization for the 24 approved medical specialty boards in the United States. Established in 1933, ABMS serves to provide information concerning issues involving specialization and certification in medicine. The American Board of Plastic Surgery® (ABPS®) represents physicians who are certified by ABPS®, the only ABMS member board that certifies surgeons in plastic surgery of the face and entire body.

ASPS offers the most comprehensive, reliable statistics on cosmetic and reconstructive plastic surgery procedures performed in the United States. The annual questionnaire was distributed to more than 24,600 ABMS board-certified physicians (An online and faxed version of the questionnaire were made available. A total of 463 active physicians returned questionnaires. Overall, 618 active physicians were included in the final sample). This data is combined with the first online national database for plastic surgery procedures Tracking Operations and Outcomes for Plastic Surgeons<sup>SM</sup> (TOPS<sup>SM</sup>).

All responses are aggregated and extrapolated to the entire population of more than 24,600 board certified physicians most likely to perform cosmetic and reconstructive plastic surgery procedures, resulting in the most accurate census available.

## Validity

Results of the survey are based on a 95 percent confidence level with a  $\pm 4.96$  percent margin of error.

## 2020 Quick Facts

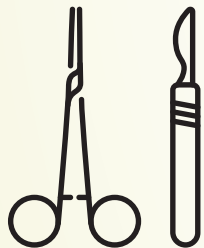
### Cosmetic and Reconstructive Plastic Surgery Trends

Percentage change 2020 vs. 2019



#### 15.6 Million Cosmetic Procedures

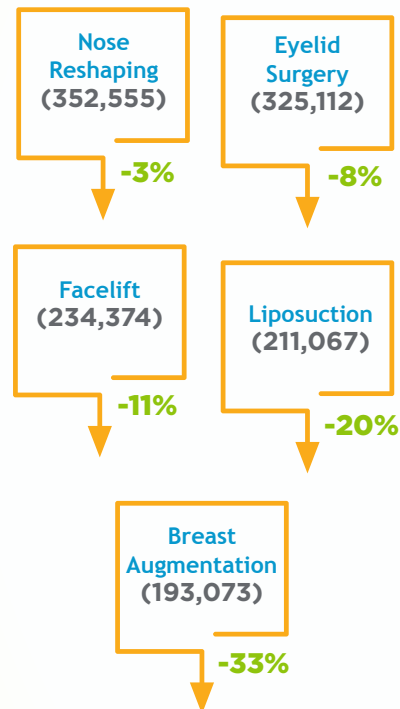
- 2.3 million Cosmetic Surgical Procedures ↓ 14%
- 13.2 million Cosmetic Minimally-Invasive Procedures ↓ 16%



#### 6.8 Million Reconstructive Procedures

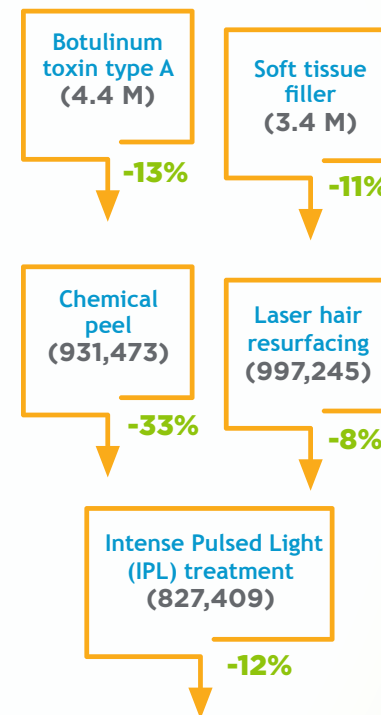
(3% increase from 2019)

#### 2020 Top 5 Cosmetic Surgical Procedures



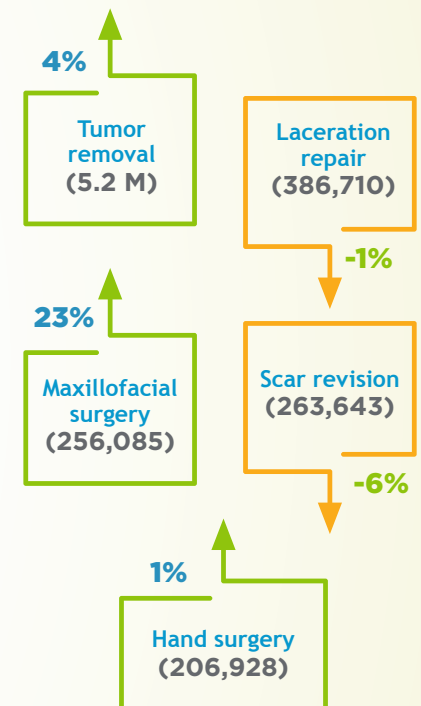
Breast Augmentation continues to be one of the top 5 cosmetic surgical procedures and has been since 2006. Silicone implants were used in 84% and saline implants in 16% of all breast augmentations in 2020.

#### 2020 Top 5 Cosmetic Minimally-Invasive Procedures



Intense Pulsed Light (IPL) treatment replaces Laser hair removal in the top 5 cosmetic minimally-invasive procedures with over 827,000 IPL procedures in 2020.

#### 2020 Top 5 Reconstructive Procedures



Tumor Removal continues to overwhelm the top reconstructive procedures performed every year with approximately 5.2 million procedures in 2020.

# 2020 Quick Facts

## Cosmetic Plastic Demographic Trends

### Percentage change 2020 vs. 2019



#### 13-19 year old

Make up the least number of cosmetic procedures - only 2% of the total. Some of the most common procedures for teens were: nose reshaping, eyelid surgery, ear surgery, laser hair removal and laser skin resurfacing.

229,000 total cosmetic procedures	↓15%
88,000 surgical	↓8%
141,000 minimally-invasive	↓20%



#### 20-29 year old

768,000 total cosmetic procedures	↓18%
283,000 surgical	↓14%
485,000 minimally-invasive	↓20%



#### 30-39 year old

2.1 million total cosmetic procedures	↓17%
364,000 surgical	↓16%
1.8 million minimally-invasive	↓17%



#### 40-54 year old

Make up the majority of cosmetic procedures - 45% of the total.

6.1 million total cosmetic procedures	↓14%
684,000 surgical	↓14%
5.4 million minimally-invasive	↓14%



#### 55-69 year old

3.9 million total cosmetic procedures	↓14%
728,000 surgical	↓11%
3.2 million minimally-invasive	↓15%



#### 70 and Over

246,000 total cosmetic procedures	↓20%
136,000 surgical	↓8%
110,000 minimally-invasive	↓31%

### FEMALE

92% of all cosmetic procedures

12.4 million total cosmetic procedures	↓15%
•2.0 million surgical	↓13%
•10.4 million minimally-invasive	↓15%

### MALE

8% of all cosmetic procedures

1.1 million total cosmetic procedures	↓18%
•289,000 surgical	↓12%
•820,000 minimally-invasive	↓20%



### ETHNIC

Caucasians (10.3 million)	↓20%
Hispanic (1.9 million)	↓4%
African Americans (1.7 million)	no change
Asian Americans (1.2 million)	↓5%

### Did you know...

- \$16.7 billion was spent on cosmetic procedures in the U.S.
- Region with the most cosmetic procedures performed in the U.S. is South Atlantic - 3.8 million (25%) procedures.
- Average length of time Board-Certified physicians reported they stopped performing surgical procedures in 2020 due to Covid-19 is 8.1 weeks.

# Cosmetic Procedure Trends

COSMETIC SURGICAL PROCEDURES	2020	2019	2000	% CHANGE 2020 vs. 2019	% CHANGE 2020 vs. 2000
Breast augmentation (Augmentation mammoplasty)**** †	193,073	287,085	212,500	-33%	-9%
Breast implant removals (Augmentation patients only)****	36,367	33,642	40,787	8%	-11%
Breast lift (Mastopexy)****	87,051	110,280	52,836	-21%	65%
Breast reduction (Aesthetic patients only)****	33,574	46,340	*	-28%	*
Breast reduction in men (Gynecomastia)****	18,575	20,955	20,351	-11%	-9%
Buttock augmentation with fat grafting****	21,823	28,076	*	-22%	*
Buttock implants****	1,179	970	*	22%	*
Buttock lift****	2,872	3,945	1,356	-27%	112%
Calf augmentation****	299	599	*	-50%	*
Cheek implant (Malar augmentation)◇	108,189	117,720	10,427	-8%	938%
Chin augmentation (Mentoplasty)◇	43,900	44,603	26,924	-2%	63%
Dermabrasion◇	139,933	159,374	42,218	-12%	231%
Ear surgery (Otoplasty)◇	53,095	55,000	36,295	-3%	46%
Eyelid surgery (Blepharoplasty)◇	325,112	354,105	327,514	-8%	-1%
Facelift (Rhytidectomy)◇	234,374	261,987	133,856	-11%	75%
Forehead lift◇	88,675	89,246	120,971	-1%	-27%
Hair transplantation	9,670	24,348	44,694	-60%	-78%
Labiaplasty****	9,725	11,218	*	-13%	*
Lip augmentation (other than injectable materials)◇	34,236	45,240	18,589	-24%	84%
Lip reduction****◇	18,301	20,869	*	-12%	*
Liposuction	211,067	265,209	354,015	-20%	-40%
Lower body lift****	8,433	8,160	207	3%	3974%
Neck lift◇	160,235	181,024	*	-11%	*
Nose reshaping (Rhinoplasty)◇	352,555	362,299	389,155	-3%	-9%
Pectoral implants****	697	664	*	5%	*
Thigh Lift****	9,275	9,712	5,303	-4%	75%
Tummy tuck (Abdominoplasty)****	97,988	118,210	62,713	-17%	56%
Upper arm lift****	14,447	17,422	338	-17%	4174%
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>2,314,720</b>	<b>2,678,302◇</b>	<b>1,901,049</b>	<b>-14%</b>	<b>22%</b>

All figures are projected.

Average length of time Board-Certified physicians reported they stopped performing surgical procedures in 2020 due to Covid-19 is 8.1 weeks.

◇Projections have been updated to reflect a more comprehensive set of Board-Certified physicians performing these procedures

\*Data unavailable in prior year.

†84% of total 2020 breast implants were silicone; 16% were saline.

\*\*\*\*Counts of procedures performed by ASPS member surgeons only.

ASPS Procedural Statistics represent procedures performed by ASPS member surgeons certified by The American Board of Plastic Surgery® as well as other physicians certified by American Board of Medical Specialties-recognized boards.  
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Margin of error = +/- 4.96%



# Cosmetic Procedure Trends

COSMETIC MINIMALLY-INVASIVE PROCEDURES	2020	2019	2000	% CHANGE 2020 vs. 2019	% CHANGE 2020 vs. 2000
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	4,401,536	5,043,057	786,911	-13%	459%
Cellulite treatment (Velosmooth◊, Endermology◊)	86,350	112,975	23,952	-24%	261%
Chemical peel	931,473	1,387,607	1,149,457	-33%	-19%
Injection lipolysis (e.g., Kybella™)◊	135,586	156,153	*	-13%	*
Intense Pulsed Light (IPL) treatment◊	827,409	938,263	*	-12%	*
Laser hair removal	757,808	1,055,456	735,996	-28%	3%
Laser skin resurfacing◊	997,245	1,087,887	170,951	-8%	483%
Ablative◊	430,506	456,911	*	-6%	*
Non-ablative (Fraxel™, etc.)◊	566,739	630,976	*	-10%	*
Laser tattoo removal◊	199,945	215,898	*	-7%	*
Laser treatment of leg veins	168,682	214,800	245,424	-21%	-31%
Microdermabrasion	522,693	681,190	868,315	-23%	-40%
Non-invasive fat reduction (Coolsculpting™, Liposonix™, Emsculpt™, Vanquish™, Zerona™)	357,938	386,557	*	-7%	*
Non-surgical skin tightening (Pelleve™, Thermage™, Ulthera™)	188,509	334,351	*	-44%	*
Sclerotherapy	295,331	319,895	866,555	-8%	-66%
Soft Tissue Fillers	3,410,730	3,816,274	*	-11%	*
Acellular Dermal Matrix****	8,354	9,117	*	-8%	*
Allograft Adipose Matrix◊	11,280	15,272	*	-26%	*
Calcium hydroxylapatite (Radiesse™)◊	201,474	243,162	*	-17%	*
Fat-face◊	133,720	148,365	*	-10%	*
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◊	2,619,650	2,878,201	*	-9%	*
Platelet-Rich Plasma (PRP)◊	231,140	275,101	*	-16%	*
Polylactic acid (Sculptra™)◊	134,123	165,064	*	-19%	*
Polymethyl-methacrylate microspheres (Bellafill™)◊	70,989	81,992	*	-13%	*
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>13,281,235</b>	<b>15,750,363◊</b>	<b>4,847,561</b>	<b>-16%</b>	<b>174%</b>
<b>TOTAL COSMETIC PROCEDURES</b>	<b>15,595,955</b>	<b>18,428,665</b>	<b>6,748,610</b>	<b>-15%</b>	<b>131%</b>

All figures are projected.

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\*\*\*Botulinum Toxin Type A numbers for 2019 have been restated without adjustment for anatomic sites injected.

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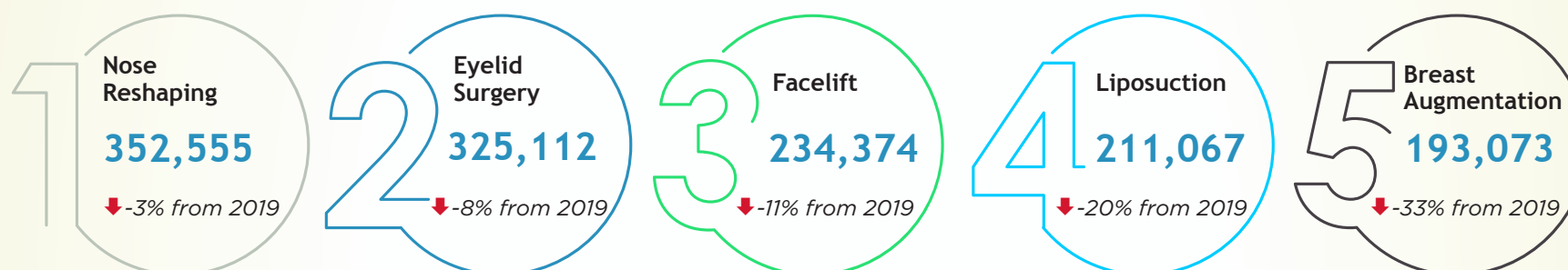
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Margin of error = +/- 4.96%



# Top 5 Cosmetic Plastic Surgery Procedures

## TOP FIVE COSMETIC SURGICAL PROCEDURES



## TOP FIVE COSMETIC MINIMALLY-INVASIVE PROCEDURES



# Reconstructive Procedure Trends

RECONSTRUCTIVE PROCEDURES	2020	2019	2000	% CHANGE 2020 vs. 2019	% CHANGE 2020 vs. 2000
Dog bite repair <sup>^</sup>	47,454	43,215	43,089	10%	10%
Birth defect (congenital deformities)	68,915	59,986	40,076	15%	72%
Breast implant removals (Reconstructive patients only)****	22,676	22,934	16,287	-1%	39%
Breast reconstruction****	137,808	135,996	78,832	1%	75%
Breast reduction (reconstructive patients only)****	63,746	65,138	*	-2%	*
Burn care****	24,391	25,854	*	-6%	*
Hand surgery (excluding microsurgical)****	206,928	204,105	*	1%	*
Head and neck reconstruction****	35,387	35,800	*	-1%	*
Hernia repair****	13,191	13,715	*	-4%	*
Laceration repair (other than facial)^^	386,710	391,190	358,666	-1%	8%
Lower extremity reconstruction (including microsurgical)****	23,053	23,510	*	-2%	*
Maxillofacial surgery^^^	256,085	207,862	79,331	23%	223%
Migraine peripheral trigger site surgery	4,520	5,121	*	-12%	*
Pelvic floor reconstruction****	2,993	3,144	*	-5%	*
Pressure ulcers****	17,463	15,431	*	13%	*
Scar revision	263,643	279,239	221,858	-6%	19%
Tumor removal (including skin cancer)	5,191,300	5,003,243	*	4%	*
Other reconstructive procedures****	112,223	117,108	376,270	-4%	-70%
<b>TOTAL RECONSTRUCTIVE PROCEDURES</b>	<b>6,878,486</b>	<b>6,652,591</b> ◇	<b>*</b>	<b>3%</b>	<b>*</b>

## TOP FIVE RECONSTRUCTIVE PROCEDURES



All figures are projected.

Average length of time Board-Certified physicians reported they stopped performing surgical procedures in 2020 due to Covid-19 is 8.1 weeks.

◇ Projections have been updated to reflect a more comprehensive set of Board-Certified physicians performing these procedures

\* Data unavailable in prior year.

\*\*\*\* Counts of procedures performed by ASPS member surgeons only.

<sup>^</sup>In 2000 figure included all animal bites.

<sup>^^</sup>In 2000 figure included facial laceration repair.

<sup>^^^</sup>In 2020 and 2019 figure includes facial laceration repair.

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Margin of error = +/- 4.96%

# Cosmetic Surgery Gender Distribution

## FEMALE

COSMETIC SURGICAL PROCEDURES	2020 TOTAL PROCEDURES	2020 TOTAL FEMALE	% OF TOTAL PROCEDURES	% CHANGE 2020vs. 2019	% CHANGE 2020 vs. 2000
Breast augmentation (Augmentation mammoplasty)****†	193,073	193,073	100%	-33%	-9%
Breast implant removals (Augmentation patients only)****	36,367	36,367	100%	8%	-11%
Breast lift (Mastopexy)****	87,051	87,051	100%	-21%	65%
Breast reduction (Aesthetic patients only)****	33,574	33,574	100%	-28%	*
Breast reduction in men (Gynecomastia)****	18,575	0	0%	-	-
Buttock augmentation with fat grafting****	21,823	21,492	98%	*	*
Buttock implants****	1,179	1,018	86%	21%	*
Buttock lift****	2,872	2,515	88%	-27%	92%
Calf augmentation****	299	132	44%	-48%	*
Cheek implant (Malar augmentation)◇	108,189	79,551	74%	-5%	808%
Chin augmentation (Mentoplasty)◇	43,900	34,166	78%	-2%	92%
Dermabrasion◇	139,933	125,403	90%	-12%	350%
Ear surgery (Otoplasty)◇	53,095	30,628	58%	-3%	60%
Eyelid surgery (Blepharoplasty)◇	325,112	279,306	86%	-8%	3%
Facelift (Rhytidectomy)◇	234,374	216,350	92%	-10%	82%
Forehead lift◇	88,675	81,468	92%	-1%	-25%
Hair transplantation	9,670	3,014	31%	-59%	-26%
Labiaplasty****	9,725	9,725	100%	-13%	*
Lip augmentation (other than injectable materials)◇	34,236	32,972	96%	-24%	-89%
Liposuction	211,067	188,252	89%	-20%	-38%
Lower body lift****	8,433	7,713	91%	3%	*
Neck lift◇	160,235	138,051	86%	-12%	*
Nose reshaping (Rhinoplasty)◇	352,555	287,434	82%	-2%	20%
Thigh Lift****	9,275	8,750	94%	-5%	72%
Tummy tuck (Abdominoplasty)****	97,988	94,248	96%	-17%	56%
Upper arm lift****	14,447	14,109	98%	-17%	*
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>2,295,722</b>	<b>2,006,362</b>	<b>87%</b>	<b>-13%</b>	<b>33%</b>

All figures are projected.

\*Data unavailable in prior year.

\*\*\*\*Counts of procedures performed by ASPS member surgeons only.

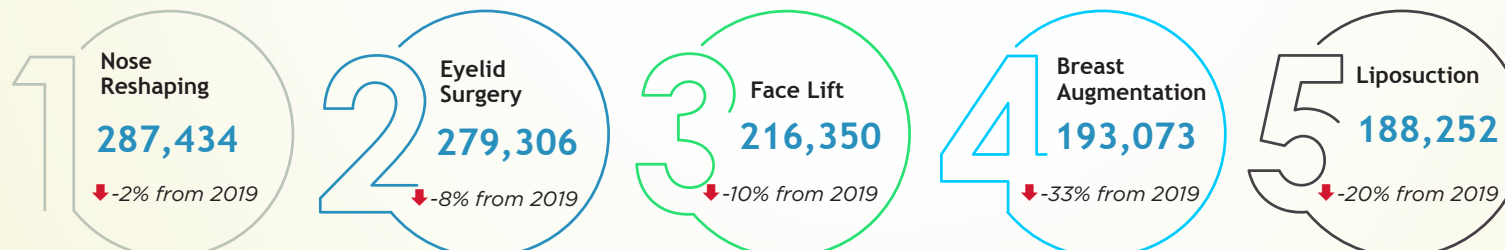
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†84% of total 2020 breast implants were silicone; 16% were saline.

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### TOP FIVE FEMALE COSMETIC SURGICAL PROCEDURES

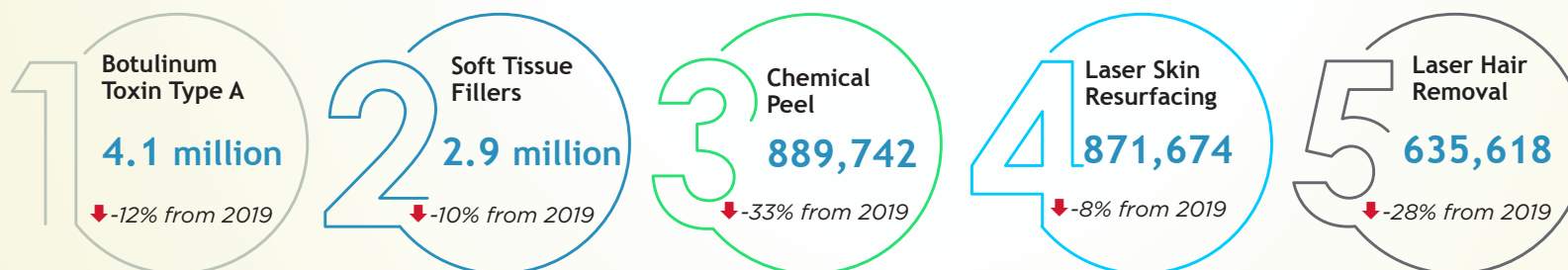


# Cosmetic Surgery Gender Distribution

## FEMALE

COSMETIC MINIMALLY-INVASIVE PROCEDURES	2020 TOTAL PROCEDURES	2020 TOTAL FEMALE	% OF TOTAL PROCEDURES	% CHANGE 2020 vs. 2019	% CHANGE 2020 vs. 2000
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	4,401,536	4,136,289	94%	-12%	497%
Cellulite treatment (Velosmooth™, Endermology)◇	86,350	75,621	88%	-24%	216%
Chemical peel	931,473	889,742	96%	-33%	-6%
Laser hair removal	757,808	635,618	84%	-28%	5%
Laser skin resurfacing◇	997,245	871,674	87%	-8%	484%
Laser treatment of leg veins	168,682	145,620	86%	-21%	-35%
Microdermabrasion	522,693	425,840	81%	-23%	-46%
Sclerotherapy	295,331	279,205	95%	-8%	-67%
Soft Tissue Fillers	3,088,967	2,970,353	96%	-10%	393%
Calcium hydroxylapatite (Radiesse™)◇	201,474	186,587	93%	-17%	*
Fat-face◇	133,720	125,775	94%	-10%	105%
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◇	2,619,650	2,547,248	97%	-9%	*
Polylactic acid (Sculptra™)◇	134,123	110,743	83%	-19%	*
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>11,250,085</b>	<b>10,429,962</b>	<b>93%</b>	<b>-15%</b>	<b>114%</b>
<b>TOTAL COSMETIC PROCEDURES</b>	<b>13,545,807</b>	<b>12,436,324</b>	<b>92%</b>	<b>-15%</b>	<b>95%</b>

### TOP FIVE FEMALE COSMETIC MINIMALLY-INVASIVE PROCEDURES



All figures are projected.

\*Data unavailable in prior year.

\*\*\*Botulinum Toxin Type A numbers for 2020 and 2019 have been restated without adjustment for anatomic sites injected.

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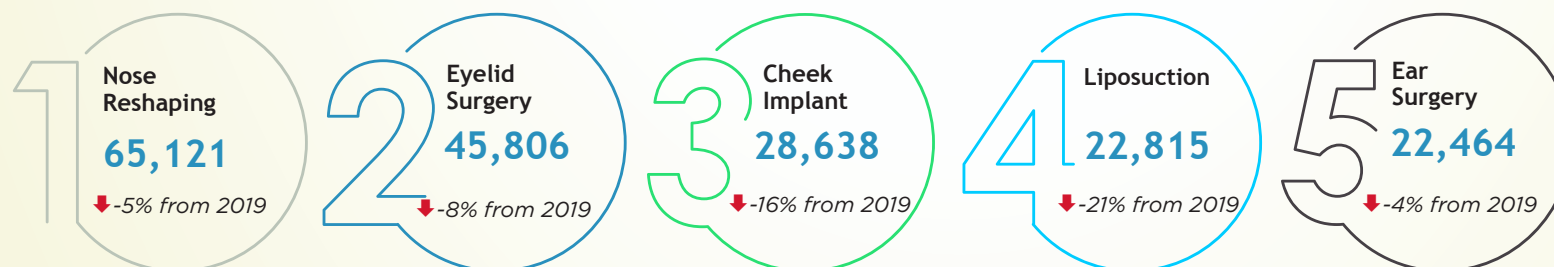
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# Cosmetic Surgery Gender Distribution

## MALE

COSMETIC SURGICAL PROCEDURES	2020 TOTAL PROCEDURES	2020 TOTAL MALE	% OF TOTAL PROCEDURES	% CHANGE 2020 vs. 2019	% CHANGE 2020 vs. 2000
Breast augmentation (Augmentation mammoplasty)****†	193,073	0	0%	-	-
Breast implant removals (Augmentation patients only)****	36,367	0	0%	-	-
Breast lift (Mastopexy)****	87,051	0	0%	-	-
Breast reduction (Aesthetic patients only)****	33,574	0	0%	-	-
Breast reduction in men (Gynecomastia)****	18,575	18,575	100%	-11%	-9%
Buttock augmentation with fat grafting****	21,823	331	2%	*	*
Buttock implants****	1,179	161	14%	23%	*
Buttock lift****	2,872	357	12%	-28%	644%
Calf augmentation****	299	167	56%	-52%	*
Cheek implant (Malar augmentation)◇	108,189	28,638	26%	-16%	1616%
Chin augmentation (Mentoplasty)◇	43,900	9,734	22%	-1%	7%
Dermabrasion◇	139,933	14,530	10%	-14%	1%
Ear surgery (Otoplasty)◇	53,095	22,467	42%	-4%	31%
Eyelid surgery (Blepharoplasty)◇	325,112	45,806	14%	-8%	-21%
Facelift (Rhytidectomy)◇	234,374	18,024	8%	-11%	19%
Forehead lift◇	88,675	7,207	8%	1%	-44%
Hair transplantation	9,670	6,656	69%	-61%	-84%
Labiaplasty****	9,725	0	0%	-	*
Lip augmentation (other than injectable materials)◇	34,236	1,264	4%	-26%	445%
Liposuction	211,067	22,815	11%	-21%	-56%
Lower body lift****	8,433	720	9%	6%	248%
Neck lift◇	160,235	22,184	14%	-11%	*
Nose reshaping (Rhinoplasty)◇	352,555	65,121	18%	-5%	-57%
Thigh Lift****	9,275	525	6%	0%	139%
Tummy tuck (Abdominoplasty)****	97,988	3,740	4%	-16%	63%
Upper arm lift****	14,447	338	2%	-18%	*
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>2,295,722</b>	<b>289,360</b>	<b>13%</b>	<b>-12%</b>	<b>-27%</b>

### TOP FIVE MALE COSMETIC SURGICAL PROCEDURES



All figures are projected.

\*Data unavailable in prior year.

\*\*\*\*Counts of procedures performed by ASPS member surgeons only.

Average length of time Board-Certified physicians reported they stopped performing surgical procedures in 2020 due to Covid-19 is 8.1 weeks.

◇Projections have been updated to reflect a more comprehensive set of Board-Certified physicians performing these procedures

†84% of total 2020 breast implants were silicone; 16% were saline.

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# Cosmetic Surgery Gender Distribution

## MALE

COSMETIC MINIMALLY-INVASIVE PROCEDURES	2020 TOTAL PROCEDURES	2020 TOTAL MALE	% OF TOTAL PROCEDURES	% CHANGE 2020 vs. 2019	% CHANGE 2020 vs. 2000
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	4,401,536	265,247	6%	-17%	182%
Cellulite treatment (Velosmooth™, Endermology)◇	86,350	10,729	12%	-20%	*
Chemical peel	931,473	41,731	4%	-36%	-79%
Laser hair removal	757,808	122,190	16%	-30%	-8%
Laser skin resurfacing◇	997,245	125,571	13%	-8%	482%
Laser treatment of leg veins	168,682	23,062	14%	-23%	10%
Microdermabrasion	522,693	96,853	19%	-26%	13%
Sclerotherapy	295,331	16,126	5%	-8%	-39%
Soft Tissue Fillers	3,088,967	118,614	4%	-12%	137%
Calcium hydroxylapatite (Radiesse™)◇	201,474	14,887	7%	-16%	*
Fat-face◇	133,720	7,945	6%	-7%	103%
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◇	2,619,650	72,402	3%	-9%	*
Polylactic acid (Sculptra™)◇	134,123	23,380	17%	-17%	*
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>11,250,085</b>	<b>820,123</b>	<b>7%</b>	<b>-20%</b>	<b>29%</b>
<b>TOTAL COSMETIC PROCEDURES</b>	<b>13,545,807</b>	<b>1,109,483</b>	<b>8%</b>	<b>-18%</b>	<b>8%</b>

### TOP FIVE MALE COSMETIC MINIMALLY-INVASIVE PROCEDURES



All figures are projected.

\*Data unavailable in prior year.

\*\*\*Botulinum Toxin Type A numbers for 2020 and 2019 have been restated without adjustment for anatomic sites injected.

\*\*\*\*Counts of procedures performed by ASPS member surgeons only.

Average length of time Board-Certified physicians reported they stopped performing surgical procedures in 2020 due to Covid-19 is 8.1 weeks.

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# Cosmetic Surgery Age Distribution

COSMETIC SURGICAL PROCEDURES	AGE 13-19 2020 TOTAL	AGE 13-19 % OF TOTAL PROCEDURES	AGE 13-19 % CHANGE 2020 vs 2019
Breast augmentation (Augmentation mammoplasty)****^	3,233	2%	-34%
Breast implant removals (Augmentation patients only)****^	64	0%	2%
Breast lift (Mastopexy)****	1,006	1%	-23%
Breast reduction (Aesthetic patients only)****	1,843	5%	-26%
Breast reduction in men (Gynecomastia)****	2,823	15%	-11%
Buttock lift****	12	0%	-29%
Cheek implant (Malar augmentation)◇	3,033	3%	-11%
Chin augmentation (Mentoplasty)◇	2,517	6%	-5%
Dermabrasion◇	2,152	2%	-14%
Ear surgery (Otoplasty)◇	17,340	33%	-3%
Eyelid surgery (Blepharoplasty)◇	5,301	2%	-9%
Forehead lift◇	74	0%	-4%
Labiaplasty****	879	9%	-16%
Lip augmentation (other than injectable materials)◇	331	1%	-23%
Liposuction	2,346	1%	-22%
Lower body lift****	43	1%	0%
Neck lift◇	46	0%	-15%
Nose reshaping (Rhinoplasty)◇	44,686	13%	-4%
Thigh Lift****	46	0%	-10%
Tummy tuck (Abdominoplasty)****	166	0%	-17%
Upper arm lift****	25	0%	0%
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>87,966</b>	<b>4%</b>	<b>-8%</b>

COSMETIC MINIMALLY-INVASIVE PROCEDURES	AGE 13-19 2020 TOTAL	AGE 13-19 % OF TOTAL PROCEDURES	AGE 13-19 % CHANGE 2020 vs 2019
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	12,767	0%	-12%
Chemical peel	4,035	0%	-35%
Laser hair removal	47,850	6%	-29%
Laser skin resurfacing◇	47,979	5%	-8%
Laser treatment of leg veins	15,223	9%	-21%
Microdermabrasion	5,140	1%	-24%
Sclerotherapy	442	0%	-9%
Soft Tissue Fillers	8,338	0%	-12%
Calcium hydroxylapatite (Radiesse™)◇	692	0%	-17%
Fat-face◇	1,149	1%	-10%
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◇	4,711	0%	-8%
Poly-lactic acid (Sculptra™)◇	1,786	1%	-20%
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>141,774</b>	<b>1%</b>	<b>-20%</b>

<b>TOTAL COSMETIC PROCEDURES</b>	<b>229,740</b>	<b>2%</b>	<b>-15%</b>
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Age  
13-19

All figures are projected.

^Total represents only 18 and 19 year olds.

\*Data unavailable in prior year.

\*\*\*Botulinum Toxin Type A numbers for 2020 and 2019 have been restated without adjustment for anatomic sites injected.

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# Cosmetic Surgery Age Distribution

Age  
20-29

COSMETIC SURGICAL PROCEDURES	AGE 20-29 2020 TOTAL	AGE 20-29 % OF TOTAL PROCEDURES	AGE 20-29 % CHANGE 2020 vs 2019
Breast augmentation (Augmentation mammoplasty)****	52,695	27%	-33%
Breast implant removals (Augmentation patients only)****	2,108	6%	6%
Breast lift (Mastopexy)****	9,459	11%	-22%
Breast reduction (Aesthetic patients only)****	5,551	17%	-26%
Breast reduction in men (Gynecomastia)****	6,884	37%	-12%
Buttock augmentation with fat grafting****	882	4%	*
Buttock implants****	241	20%	21%
Buttock lift****	257	9%	-25%
Calf augmentation****	114	38%	-50%
Cheek implant (Malar augmentation)◇	17,189	16%	1%
Chin augmentation (Mentoplasty)◇	8,180	19%	3%
Dermabrasion◇	5,594	4%	-12%
Ear surgery (Otoplasty)◇	15,569	29%	-3%
Eyelid surgery (Blepharoplasty)◇	10,345	3%	-9%
Facelift (Rhytidectomy)◇	742	0%	-9%
Forehead lift◇	148	0%	-4%
Hair transplantation	833	9%	-60%
Labiaplasty****	3,155	32%	-11%
Lip augmentation (other than injectable materials)◇	1,671	5%	-23%
Liposuction	21,349	10%	-22%
Lower body lift****	581	7%	2%
Neck lift◇	922	1%	-15%
Nose reshaping (Rhinoplasty)◇	110,133	31%	-2%
Thigh Lift****	566	6%	-7%
Tummy tuck (Abdominoplasty)****	7,518	8%	-18%
Upper arm lift****	773	5%	-16%
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>283,459</b>	<b>12%</b>	<b>-14%</b>

COSMETIC MINIMALLY-INVASIVE PROCEDURES	AGE 20-29 2020 TOTAL	AGE 20-29 % OF TOTAL PROCEDURES	AGE 20-29 % CHANGE 2020 vs 2019
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	64,088	1%	-14%
Cellulite treatment (Velosmooth™, Endermology)◇	18,665	22%	-23%
Chemical peel	17,651	2%	-33%
Laser hair removal	165,638	22%	-28%
Laser skin resurfacing◇	56,006	6%	-8%
Laser treatment of leg veins	21,666	13%	-22%
Microdermabrasion	41,199	8%	-23%
Sclerotherapy	12,821	4%	-9%
Soft Tissue Fillers	87,353	3%	-10%
Calcium hydroxylapatite (Radiesse™)◇	3,857	2%	-17%
Fat-face◇	6,501	5%	-9%
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◇	69,850	3%	-9%
Polylactic acid (Sculptra™)◇	7,145	5%	-19%
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>485,087</b>	<b>4%</b>	<b>-20%</b>

<b>TOTAL COSMETIC PROCEDURES</b>	<b>768,546</b>	<b>6%</b>	<b>-18%</b>
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# Cosmetic Surgery Age Distribution

Age  
30-39

COSMETIC SURGICAL PROCEDURES	AGE 30-39 2020 TOTAL	AGE 30-39 % OF TOTAL PROCEDURES	AGE 30-39 % CHANGE 2020 vs 2019
Breast augmentation (Augmentation mammoplasty)****	67,966	35%	-33%
Breast implant removals (Augmentation patients only)****	6,683	18%	8%
Breast lift (Mastopexy)****	23,639	27%	-21%
Breast reduction (Aesthetic patients only)****	6,130	18%	-28%
Breast reduction in men (Gynecomastia)****	4,466	24%	-10%
Buttock augmentation with fat grafting****	3,527	16%	*
Buttock implants****	393	33%	22%
Buttock lift****	649	23%	-27%
Calf augmentation****	121	40%	-51%
Cheek implant (Malar augmentation)◇	18,200	17%	-11%
Chin augmentation (Mentoplasty)◇	7,647	17%	2%
Dermabrasion◇	12,050	9%	-12%
Ear surgery (Otoplasty)◇	8,590	16%	-4%
Eyelid surgery (Blepharoplasty)◇	13,944	4%	-9%
Facelift (Rhytidectomy)◇	2,020	1%	-10%
Forehead lift◇	2,067	2%	1%
Hair transplantation	786	8%	-61%
Labiaplasty****	3,052	31%	-13%
Lip augmentation (other than injectable materials)◇	4,486	13%	-24%
Liposuction	54,994	26%	-21%
Lower body lift****	1,902	23%	2%
Neck lift◇	2,489	2%	-12%
Nose reshaping (Rhinoplasty)◇	84,008	24%	-3%
Thigh Lift****	2,050	22%	-6%
Tummy tuck (Abdominoplasty)****	30,677	31%	-17%
Upper arm lift****	2,239	15%	-18%
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>364,775</b>	<b>16%</b>	<b>-16%</b>

COSMETIC MINIMALLY-INVASIVE PROCEDURES	AGE 30-39 2020 TOTAL	AGE 30-39 % OF TOTAL PROCEDURES	AGE 30-39 % CHANGE 2020 vs 2019
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	811,314	18%	-14%
Cellulite treatment (Velosmooth™, Endermology)◇	45,902	53%	-24%
Chemical peel	76,656	8%	-34%
Laser hair removal	221,432	29%	-28%
Laser skin resurfacing◇	85,868	9%	-8%
Laser treatment of leg veins	51,254	30%	-21%
Microdermabrasion	118,423	23%	-24%
Sclerotherapy	44,211	15%	-7%
Soft Tissue Fillers	348,180	11%	-10%
Calcium hydroxylapatite (Radiesse™)◇	16,714	8%	-16%
Fat-face◇	17,285	13%	-9%
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◇	299,259	11%	-9%
Poly lactic acid (Sculptra™)◇	14,922	11%	-17%
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>1,803,240</b>	<b>16%</b>	<b>-17%</b>

<b>TOTAL COSMETIC PROCEDURES</b>	<b>2,168,015</b>	<b>16%</b>	<b>-17%</b>
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# Cosmetic Surgery Age Distribution

COSMETIC SURGICAL PROCEDURES	AGE 40-54 2020 TOTAL	AGE 40-54 % OF TOTAL PROCEDURES	AGE 40-54 % CHANGE 2020 vs 2019
Breast augmentation (Augmentation mammoplasty)***	53,592	28%	-33%
Breast implant removals (Augmentation patients only)****	15,054	41%	7%
Breast lift (Mastopexy)****	35,129	40%	-22%
Breast reduction (Aesthetic patients only)****	11,372	34%	-29%
Breast reduction in men (Gynecomastia)****	2,872	15%	-11%
Buttock augmentation with fat grafting****	9,864	45%	*
Buttock implants****	459	39%	22%
Buttock lift****	1,315	46%	-29%
Calf augmentation****	45	15%	-49%
Cheek implant (Malar augmentation)◇	41,456	38%	-8%
Chin augmentation (Mentoplasty)◇	12,973	30%	-5%
Dermabrasion◇	38,144	27%	-16%
Ear surgery (Otoplasty)◇	5,491	10%	-21%
Eyelid surgery (Blepharoplasty)◇	106,006	33%	-10%
Facelift (Rhytidectomy)◇	49,246	21%	-12%
Forehead lift◇	27,433	31%	-3%
Hair transplantation	2,021	21%	-60%
Labiaplasty****	2,131	22%	-16%
Lip augmentation (other than injectable materials)◇	12,058	35%	-25%
Liposuction	89,792	43%	-21%
Lower body lift****	3,801	45%	1%
Neck lift◇	33,868	21%	-13%
Nose reshaping (Rhinoplasty)◇	78,054	22%	-5%
Thigh Lift****	4,150	45%	-6%
Tummy tuck (Abdominoplasty)****	42,380	43%	-18%
Upper arm lift****	5,693	39%	-18%
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>684,399</b>	<b>30%</b>	<b>-14%</b>

COSMETIC MINIMALLY-INVASIVE PROCEDURES	AGE 40-54 2020 TOTAL	AGE 40-54 % OF TOTAL PROCEDURES	AGE 40-54 % CHANGE 2020 vs 2019
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	2,503,229	57%	-12%
Cellulite treatment (Velosmooth™, Endermology)◇	21,746	25%	-23%
Chemical peel	318,224	34%	-34%
Laser hair removal	274,321	36%	-28%
Laser skin resurfacing◇	420,952	42%	-8%
Laser treatment of leg veins	51,868	31%	-22%
Microdermabrasion	232,805	45%	-23%
Sclerotherapy	133,518	45%	-8%
Soft Tissue Fillers	1,511,696	49%	-10%
Calcium hydroxylapatite (Radiesse™)◇	79,167	39%	-18%
Fat-face◇	46,341	35%	-9%
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◇	1,309,693	50%	-9%
Poly lactic acid (Sculptra™)◇	76,495	57%	-19%
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>5,468,359</b>	<b>49%</b>	<b>-14%</b>

<b>TOTAL COSMETIC PROCEDURES</b>	<b>6,152,758</b>	<b>45%</b>	<b>-14%</b>
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Age  
40-54

All figures are projected.

\*Data unavailable in prior year.

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# Cosmetic Surgery Age Distribution

Age  
55-69

COSMETIC SURGICAL PROCEDURES	AGE 55-69 2020 TOTAL	AGE 55-69 % OF TOTAL PROCEDURES	AGE 55-69 % CHANGE 2020 vs 2019
Breast augmentation (Augmentation mammoplasty)****	13,304	7%	-32%
Breast implant removals (Augmentation patients only)****	10,309	28%	8%
Breast lift (Mastopexy)****	15,305	18%	-20%
Breast reduction (Aesthetic patients only)****	7,505	22%	-28%
Breast reduction in men (Gynecomastia)****	1,216	7%	-11%
Buttock augmentation with fat grafting****	6,393	29%	*
Buttock implants****	86	7%	23%
Buttock lift****	578	20%	-27%
Calf augmentation****	19	6%	-50%
Cheek implant (Malar augmentation)◇	26,289	24%	-11%
Chin augmentation (Mentoplasty)◇	10,793	25%	-3%
Dermabrasion◇	64,838	46%	-12%
Ear surgery (Otoplasty)◇	4,295	8%	-3%
Eyelid surgery (Blepharoplasty)◇	155,279	48%	-8%
Facelift (Rhytidectomy)◇	149,970	64%	-11%
Forehead lift◇	50,355	57%	0%
Hair transplantation	6,030	62%	-60%
Labiaplasty****	440	5%	-11%
Lip augmentation (other than injectable materials)◇	15,690	46%	-24%
Liposuction	38,389	18%	-20%
Lower body lift****	1,884	22%	6%
Neck lift◇	97,588	61%	-11%
Nose reshaping (Rhinoplasty)◇	29,451	8%	-1%
Thigh Lift****	2,180	24%	-2%
Tummy tuck (Abdominoplasty)****	15,609	16%	-18%
Upper arm lift****	4,788	33%	-18%
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>728,583</b>	<b>32%</b>	<b>-11%</b>

COSMETIC MINIMALLY-INVASIVE PROCEDURES	AGE 55-69 2020 TOTAL	AGE 55-69 % OF TOTAL PROCEDURES	AGE 55-69 % CHANGE 2020 vs 2019
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	1,010,138	23%	-13%
Cellulite treatment (Velosmooth™, Endermology)◇	37	0%	-23%
Chemical peel	411,522	44%	-32%
Laser hair removal	48,567	6%	-29%
Laser skin resurfacing◇	386,440	39%	-8%
Laser treatment of leg veins	28,671	17%	-22%
Microdermabrasion	125,126	24%	-23%
Sclerotherapy	97,707	33%	-7%
Soft Tissue Fillers	1,133,400	37%	-10%
Calcium hydroxylapatite (Radiesse)◇	101,044	50%	-17%
Fat-face◇	62,444	47%	-11%
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◇	936,137	36%	-9%
Poly(lactic acid) (Sculptra™)◇	33,775	25%	-18%
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>3,241,608</b>	<b>29%</b>	<b>-15%</b>

<b>TOTAL COSMETIC PROCEDURES</b>	<b>3,970,191</b>	<b>29%</b>	<b>-14%</b>
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# Cosmetic Surgery Age Distribution

COSMETIC SURGICAL PROCEDURES	AGE 70 AND OVER 2020 TOTAL	AGE 70 AND OVER % OF TOTAL PROCEDURES	AGE 70 AND OVER % CHANGE 2020 vs 2019
Breast augmentation (Augmentation mammoplasty)****	1,612	1%	-31%
Breast implant removals (Augmentation patients only)****	1,982	5%	9%
Breast lift (Mastopexy)****	2,073	2%	-18%
Breast reduction (Aesthetic patients only)****	993	3%	-26%
Breast reduction in men (Gynecomastia)****	275	1%	-14%
Buttock augmentation with fat grafting****	1,157	5%	*
Buttock implants****	-	*	*
Buttock lift****	38	1%	-30%
Calf augmentation****	-	*	*
Cheek implant (Malar augmentation)◇	2,022	2%	-11%
Chin augmentation (Mentoplasty)◇	1,646	4%	-6%
Dermabrasion◇	16,138	12%	-11%
Ear surgery (Otoplasty)◇	644	1%	-8%
Eyelid surgery (Blepharoplasty)◇	32,707	10%	-6%
Facelift (Rhytidectomy)◇	31,824	14%	-9%
Forehead lift◇	8,233	9%	2%
Hair transplantation	-	*	*
Labiaplasty****	52	1%	-16%
Lip augmentation (other than injectable materials)◇	-	*	*
Liposuction	3,165	1%	-19%
Lower body lift****	164	2%	5%
Neck lift◇	24,893	16%	-11%
Nose reshaping (Rhinoplasty)◇	4,774	1%	-3%
Thigh Lift****	222	2%	-3%
Tummy tuck (Abdominoplasty)****	1,094	1%	-17%
Upper arm lift****	841	6%	-12%
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>136,549</b>	<b>6%</b>	<b>-8%</b>

COSMETIC MINIMALLY-INVASIVE PROCEDURES	AGE 70 AND OVER 2020 TOTAL	AGE 70 AND OVER % OF TOTAL PROCEDURES	AGE 70 AND OVER % CHANGE 2020 vs 2019
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	-	*	*
Cellulite treatment (Velosmooth™, Endermology)◇	-	*	*
Chemical peel	103,385	11%	-32%
Laser hair removal	-	*	*
Laser skin resurfacing◇	-	*	*
Laser treatment of leg veins	-	*	*
Microdermabrasion	-	*	*
Sclerotherapy	6,632	2%	-3%
Soft Tissue Fillers	-	*	*
Calcium hydroxylapatite (Radiesse)◇	-	*	*
Fat-face◇	-	*	*
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◇	-	*	*
Poly lactic acid (Sculptra™)◇	-	*	*
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>110,017</b>	<b>1%</b>	<b>-31%</b>

<b>TOTAL COSMETIC PROCEDURES</b>	<b>246,566</b>	<b>2%</b>	<b>-20%</b>
----------------------------------	----------------	-----------	-------------

Age  
70  
and  
Over

All figures are projected.

\*Data unavailable in prior year.

\*\*\*Botulinum Toxin Type A numbers for 2020 and 2019 have been restated without adjustment for anatomic sites injected.

\*\*\*\*Counts of procedures performed by ASPS member surgeons only.

Average length of time Board-Certified physicians reported they stopped performing surgical procedures in 2020 due to Covid-19 is 8.1 weeks.

◇Projections have been updated to reflect a more comprehensive set of Board-Certified physicians performing these procedures

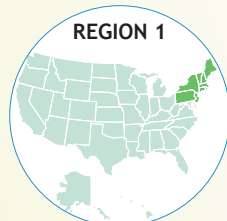
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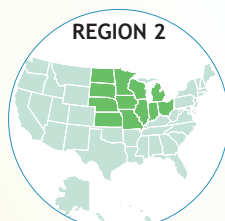
# Regional Distribution

COSMETIC SURGICAL PROCEDURES	TOTAL PROCEDURES	Region 1		Region 2		Region 3		Region 4		Region 5	
Breast augmentation (Augmentation mammoplasty)****	193,073	24,388	13%	32,383	17%	32,779	17%	37,006	19%	66,517	34%
Breast implant removals (Augmentation patients only)****	36,367	4,412	12%	4,436	12%	6,023	17%	7,527	21%	13,969	38%
Breast lift (Mastopexy)****	87,051	11,384	13%	13,510	16%	16,200	19%	19,109	22%	26,848	31%
Breast reduction (Aesthetic patients only)****	33,574	5,260	16%	7,049	21%	8,673	26%	5,187	15%	7,405	22%
Breast reduction in men (Gynecomastia)****	18,575	4,713	25%	3,371	18%	3,694	20%	2,204	12%	4,593	25%
Buttock augmentation with fat grafting****	21,823	4,220	19%	3,197	15%	4,221	19%	4,417	20%	5,768	26%
Buttock implants****	1,179	73	6%	100	8%	64	5%	202	17%	740	63%
Buttock lift****	2,872	504	18%	647	23%	347	12%	710	25%	664	23%
Calf augmentation****	299	28	9%	61	20%	30	10%	142	47%	38	13%
Cheek implant (Malar augmentation)◇	108,189	45,804	42%	22,044	20%	10,037	9%	15,437	14%	14,867	14%
Chin augmentation (Mentoplasty)◇	43,900	9,561	22%	6,788	15%	7,006	16%	7,748	18%	12,797	29%
Dermabrasion◇	139,933	13,553	10%	23,960	17%	32,927	24%	21,286	15%	48,207	34%
Ear surgery (Otoplasty)◇	53,095	10,851	20%	9,659	18%	10,811	20%	7,769	15%	14,005	26%
Eyelid surgery (Blepharoplasty)◇	325,112	52,881	16%	51,552	16%	91,268	28%	45,134	14%	84,277	26%
Facelift (Rhytidectomy)◇	234,374	36,178	15%	28,615	12%	70,838	30%	35,064	15%	63,679	27%
Forehead lift◇	88,675	13,625	15%	14,404	16%	20,239	23%	13,298	15%	27,109	31%
Hair transplantation	9,670	1,562	16%	1,068	11%	1,213	13%	3,230	33%	2,597	27%
Labiaplasty****	9,725	1,818	19%	1,645	17%	1,502	15%	2,381	24%	2,379	24%
Lip augmentation (other than injectable materials)◇	34,236	5,433	16%	4,044	12%	6,969	20%	4,547	13%	13,243	39%
Lip reduction****◇	18,301	4,760	26%	2,819	15%	1,679	9%	5,931	32%	3,112	17%
Liposuction	211,067	39,375	19%	35,322	17%	40,178	19%	33,648	16%	62,544	30%
Lower body lift****	8,433	2,438	29%	1,496	18%	1,083	13%	1,721	20%	1,695	20%
Neck lift◇	160,235	23,138	14%	18,503	12%	51,371	32%	22,405	14%	44,818	28%
Nose reshaping (Rhinoplasty)◇	352,555	79,048	22%	57,662	16%	57,650	16%	55,711	16%	102,484	29%
Pectoral implants****	697	30	4%	84	12%	41	6%	85	12%	457	66%
Thigh Lift****	9,275	2,169	23%	2,163	23%	1,855	20%	1,503	16%	1,585	17%
Tummy tuck (Abdominoplasty)****	97,988	17,483	18%	18,397	19%	18,439	19%	18,576	19%	25,093	26%
Upper arm lift****	14,447	3,412	24%	3,040	21%	2,385	17%	2,313	16%	3,297	23%
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>2,314,720</b>	<b>418,101</b>	<b>18%</b>	<b>368,019</b>	<b>16%</b>	<b>499,522</b>	<b>22%</b>	<b>374,291</b>	<b>16%</b>	<b>654,787</b>	<b>28%</b>

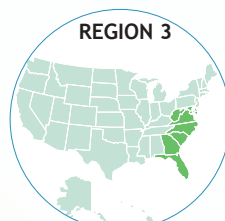
## 2020 Plastic Surgery Statistics Report



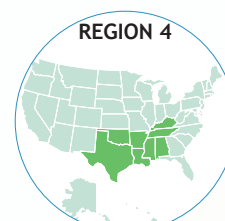
**REGION 1**  
New England  
(CT, ME, MA, NH, RI, VT)  
Middle Atlantic  
(NJ, NY, PA)



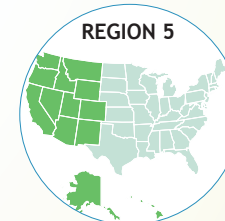
**REGION 2**  
East North Central  
(IL, IN, MI, OH, WI)  
West North Central  
(IA, KS, MN, MO, NE, ND, SD)



**REGION 3**  
South Atlantic  
(DE, DC, FL, GA, MD, NC, SC, VA, WV)



**REGION 4**  
East South Central  
(AL, KY, MS, TN)  
West South Central  
(AR, LA, OK, TX)



**REGION 5**  
Mountain  
(AZ, CO, ID, MT, NV, NM, UT, WY)  
Pacific  
(AK, CA, HI, OR, WA)

All figures are projected.

◇Projections have been updated to reflect a more comprehensive set of Board-Certified physicians performing these procedures

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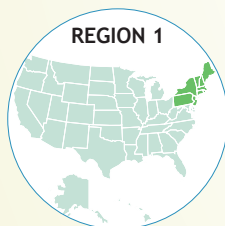
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# Regional Distribution

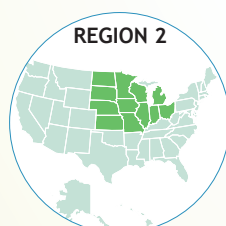
COSMETIC MINIMALLY-INVASIVE PROCEDURES	TOTAL PROCEDURES	Region 1	Region 2	Region 3	Region 4	Region 5
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)***	4,401,536	678,670 15%	856,064 19%	1,286,020 29%	656,383 15%	924,399 21%
Cellulite treatment (Velosmooth™, Endermology)◇	86,350	30,226 35%	5,249 6%	6,170 7%	10,539 12%	34,166 40%
Chemical peel	931,473	107,632 12%	182,953 20%	226,066 24%	151,183 16%	263,639 28%
Injection lipolysis (e.g., Kybella™)◇	135,586	15,357 11%	25,127 19%	40,570 30%	22,253 16%	32,279 24%
Intense Pulsed Light (IPL) treatment◇	827,409	163,984 20%	172,992 21%	158,409 19%	130,045 16%	201,979 24%
Laser hair removal	757,808	108,321 14%	166,506 22%	173,377 23%	107,584 14%	202,020 27%
Laser skin resurfacing◇	997,245	168,252 17%	176,499 18%	253,675 25%	129,513 13%	269,306 27%
Laser tattoo removal◇	199,945	9,013 5%	35,756 18%	31,438 16%	60,258 30%	63,480 32%
Laser treatment of leg veins	168,682	38,304 23%	28,220 17%	29,197 17%	39,539 23%	33,422 20%
Microdermabrasion	522,693	82,997 16%	118,357 23%	109,818 21%	69,599 13%	141,922 27%
Non-invasive fat reduction (Coolsculpting™, Liposonix™, Emsculpt™, Vanquish™, Zerona™)	357,938	67,910 19%	60,603 17%	75,189 21%	78,224 22%	76,012 21%
Non-surgical skin tightening (Pelleve™, Thermage™, Ulthera™)	188,509	49,512 26%	14,303 8%	22,687 12%	30,958 16%	71,049 38%
Sclerotherapy	295,331	41,906 14%	62,450 21%	86,122 29%	67,746 23%	37,107 13%
Soft Tissue Fillers	3,410,730	619,650 18%	549,019 16%	834,779 24%	639,024 19%	768,258 23%
Acellular Dermal Matrix****	8,354	541 6%	1,550 19%	2,732 33%	1,753 21%	1,778 21%
Allograft Adipose Matrix◇	11,280	1,221 11%	4,030 36%	4,350 39%	702 6%	977 9%
Calcium hydroxylapatite (Radiesse™)◇	201,474	58,067 29%	25,278 13%	50,441 25%	27,712 14%	39,976 20%
Fat-face◇	133,720	16,656 12%	19,717 15%	25,649 19%	27,374 20%	44,324 33%
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)◇	2,619,650	487,266 19%	458,474 18%	670,123 26%	445,799 17%	557,988 21%
Platelet-Rich Plasma (PRP)◇	231,140	24,367 11%	19,589 8%	31,839 14%	78,928 34%	76,417 33%
Polylactic acid (Sculptra™)◇	134,123	25,262 19%	11,302 8%	34,490 26%	25,015 19%	38,054 28%
Polymethyl-methacrylate microspheres (Bellafill™)◇	70,989	6,270 9%	9,079 13%	15,155 21%	31,741 45%	8,744 12%
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>13,281,235</b>	<b>2,181,734 16%</b>	<b>2,454,098 18%</b>	<b>3,333,517 25%</b>	<b>2,192,848 17%</b>	<b>3,119,038 23%</b>
<b>TOTAL COSMETIC PROCEDURES</b>	<b>15,595,955</b>	<b>2,599,835 17%</b>	<b>2,822,117 18%</b>	<b>3,833,039 25%</b>	<b>2,567,139 16%</b>	<b>3,773,825 24%</b>

RECONSTRUCTIVE PROCEDURES	TOTAL PROCEDURES	Region 1	Region 2	Region 3	Region 4	Region 5
Breast reconstruction****	137,808	25,292 18%	26,618 19%	27,955 20%	21,557 16%	36,386 26%

## 2020 Plastic Surgery Statistics Report



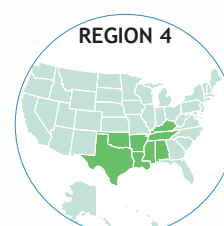
**REGION 1**  
New England  
(CT, ME, MA, NH, RI, VT)  
Middle Atlantic  
(NJ, NY, PA)



**REGION 2**  
East North Central  
(IL, IN, MI, OH, WI)  
West North Central  
(IA, KS, MN, MO, NE, ND, SD)



**REGION 3**  
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(DE, DC, FL, GA, MD, NC, SC, VA, WV)



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(AR, LA, OK, TX)



**REGION 5**  
Mountain  
(AZ, CO, ID, MT, NV, NM, UT, WY)  
Pacific  
(AK, CA, HI, OR, WA)

All figures are projected.

◇Projections have been updated to reflect a more comprehensive set of Board-Certified physicians performing these procedures

\*\*\*Botulinum Toxin Type A numbers for 2020 and 2019 have been restated without adjustment for anatomic sites injected.

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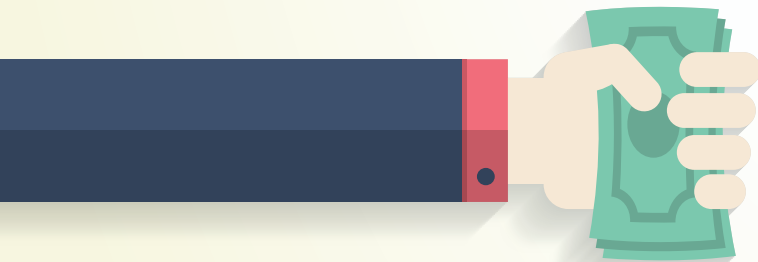
# Average Surgeon/Physician Fees

COSMETIC SURGICAL PROCEDURES	NATIONAL AVERAGE SURGEON/ PHYSICIAN FEE	TOTAL EXPENDITURE
Breast augmentation (Augmentation mammoplasty)	\$4,516	\$871,883,395
Breast implant removals (Augmentation patients only)	\$3,049	\$110,882,794
Breast lift (Mastopexy)	\$5,012	\$436,323,298
Breast reduction (Aesthetic patients only)	\$5,913	\$198,532,175
Breast reduction in men (Gynecomastia)	\$4,239	\$78,735,335
Buttock augmentation with fat grafting	\$4,807	\$104,897,965
Buttock implants	\$5,278	\$6,222,500
Buttock lift	\$5,482	\$15,745,648
Calf augmentation	\$3,845	\$1,149,711
Cheek implant (Malar augmentation)	\$3,669	\$396,918,394
Chin augmentation (Mentoplasty)	\$3,137	\$137,730,376
Dermabrasion	\$1,786	\$249,949,290
Ear surgery (Otoplasty)	\$3,736	\$198,378,313
Eyelid surgery (Blepharoplasty)	\$4,120	\$1,339,507,738
Facelift (Rhytidectomy)	\$8,005	\$1,876,157,413
Forehead lift	\$3,900	\$345,791,606
Hair transplantation	*	*
Labiaplasty	\$3,053	\$29,689,888
Lip augmentation (other than injectable materials)	\$2,299	\$78,697,371
Lip reduction	\$2,503	\$45,813,503
Liposuction	\$3,637	\$767,551,628
Lower body lift	\$7,924	\$66,826,465
Neck lift	\$5,774	\$925,262,869
Nose reshaping (Rhinoplasty)	\$5,483	\$1,932,980,274
Pectoral implants	\$4,857	\$3,385,561
Thigh Lift	\$5,355	\$49,664,283
Tummy tuck (Abdominoplasty)	\$6,154	\$603,004,313
Upper arm lift	\$4,861	\$70,226,069

COSMETIC MINIMALLY-INVASIVE PROCEDURES	NATIONAL AVERAGE SURGEON/ PHYSICIAN FEE	TOTAL EXPENDITURE
Botulinum Toxin Type A (Botox™, Dysport™, Xeomin™)	\$466	\$2,050,891,017
Cellulite treatment (Velosmooth™, Endermology)	*	*
Chemical peel	\$519	\$483,550,921
Injection lipolysis (e.g., Kybella™)	\$941	\$127,573,016
Intense Pulsed Light (IPL) treatment	\$412	\$340,478,804
Laser hair removal	\$389	\$294,497,562
Laser skin resurfacing	*	*
Ablative	\$2,509	\$1,080,184,327
Non-ablative (Fraxel™, etc.)	\$1,445	\$819,072,456
Laser tattoo removal†	\$423	\$84,546,440
Laser treatment of leg veins	\$312	\$52,607,699
Microdermabrasion	\$167	\$87,305,334
Non-invasive fat reduction (Coolsculpting™, Liposonix™, Emsculpt™, Vanquish™, Zerona™)	\$1,437	\$514,388,960
Non-surgical skin tightening (Pelleve™, Thermage™, Ulthera™)	\$2,456	\$462,988,577
Sclerotherapy	\$413	\$122,002,254
Soft Tissue Fillers	*	*
Acellular Dermal Matrix	\$2,914	\$24,344,785
Allograft Adipose Matrix†	*	*
Calcium hydroxylapatite (Radiesse™)	\$717	\$144,367,314
Fat-face	\$2,508	\$335,377,730
Hyaluronic acid (Juvederm Ultra™, Juvederm Ultra Plus™, Perlane™, Restylane™, Belotero™)	\$684	\$1,791,881,919
Platelet-Rich Plasma (PRP)	\$981	\$226,855,771
Polyactic acid (Sculptra™)	\$853	\$114,362,757
Polymethyl-methacrylate microspheres (Bellafill™)	\$1,058	\$75,080,208

Total 2020 Expenditures

\$20,174,266,026



\*Data unavailable this year.

All values are projected.

Average length of time Board-Certified physicians reported they stopped performing surgical procedures in 2020 due to Covid-19 is 8.1 weeks.

Fees generally vary according to region of country and patient needs.

These fees are averages only. Fees do not include anesthesia, operating room facilities or other related expenses.

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# Cosmetic Demographics



## Patient behavior

Cosmetic surgery patients who are repeat patients 44%	Cosmetic non-surgery patients who are repeat patients 77%	Cosmetic surgery patients having multiple cosmetic procedures at the same time 57%	Cosmetic non-surgery patients having multiple cosmetic procedures at the same time 60%
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Cosmetic Procedures Performed In*	2020	% 2020	2019	% 2019	% CHANGE 2020 vs. 2019
Office	5,846,488	37%	6,812,716	37%	-14%
Hospital	2,803,625	18%	3,382,033	18%	-17%
Free-standing Ambulatory Surgical Facility	6,945,842	45%	8,233,916	45%	-16%



Ethnicity breakdown of cosmetic procedures	2020	% 2020	2019	% 2019	% CHANGE 2020 vs. 2019
Caucasian	10,330,749	66%	12,986,511	70%	-20%
Hispanic	1,985,351	13%	2,066,836	11%	-4%
African-American	1,781,485	11%	1,777,118	10%	0%
Asian-American	1,207,619	8%	1,277,806	7%	-5%
Other	290,751	2%	320,394	2%	-9%



Cosmetic surgical procedures by group	Caucasian	African-American	Asian/Pacific Islander	Hispanic	Other
Breast Augmentation	74%	6%	7%	12%	1%
Rhinoplasty	71%	5%	11%	10%	3%
Blepharoplasty	77%	3%	11%	8%	1%
Liposuction	61%	15%	5%	18%	1%
Abdominoplasty	74%	7%	5%	12%	1%



Cosmetic minimally-invasive procedures by group	Caucasian	African-American	Asian/Pacific Islander	Hispanic	Other
Botulinum toxin type A	82%	4%	4%	7%	3%
Soft tissue fillers	78%	5%	5%	10%	1%
Chemical peel	72%	10%	3%	13%	2%
Laser hair removal	77%	8%	6%	8%	0%
Microdermabrasion	71%	5%	13%	9%	2%

All values are projected.  
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\*ASPS, 2021  
Projections have been updated to reflect a more comprehensive set of Board-Certified physicians performing these procedures.

## Reconstructive Demographics



Reconstructive Procedures Performed In*	2020	% 2020	2019	% 2019	% CHANGE 2020 vs. 2019
Office	1,083,548	16%	1,024,705	15%	6%
Hospital	4,102,221	60%	4,042,817	61%	1%
Free-standing Ambulatory Surgical Facility	1,692,717	25%	1,585,069	24%	7%

## Reconstructive Breast Procedures (with age distribution)

RECONSTRUCTIVE BREAST PROCEDURES	TOTAL PROCEDURES	13-19	20-29	30-39	40-54	55-69	70 AND OVER
Breast reconstruction*	137,808	405	2,276	14,741	65,976	46,303	8,107
Saline implants	7,185	-	-	-	-	-	-
Silicone implants	96,300	-	-	-	-	-	-
Implant alone	19,998	-	-	-	-	-	-
Tissue expander and implant	83,487	-	-	-	-	-	-
Pedicle TRAM	1,375	-	-	-	-	-	-
Free TRAM	1,922	-	-	-	-	-	-
DIEP Flap	23,324	-	-	-	-	-	-
Other flap	6,128	-	-	-	-	-	-
Timing - Immediate	105,665	-	-	-	-	-	-
Timing - Delayed	32,143	-	-	-	-	-	-
Unilateral	47,215	-	-	-	-	-	-
Bilateral	90,593	-	-	-	-	-	-
Acellular dermal matrix	59,247	-	-	-	-	-	-
Breast reduction (reconstructive patients only)	63,746	-	-	-	-	-	-
Breast implant removals (Reconstructive patients only)	22,676	52	327	1,661	9,739	8,818	2,079



Reconstructive surgical procedures by group	Caucasian	African-American	Asian/Pacific Islander	Hispanic	Other
Breast reconstruction	87%	2%	3%	7%	1%
Burn care	70%	16%	2%	9%	2%
Cleft Lip & Palate Repair	77%	3%	5%	14%	1%
Tumor removal	84%	3%	2%	6%	4%
Breast reduction (reconstructive)	48%	41%	1%	9%	1%

All values are projected.

\*93% of total breast implants were silicone: 7% were saline.

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Projections have been updated to reflect a more comprehensive set of Board-Certified physicians performing these procedures

## 2020 Body Contouring After Massive Weight Loss

BODY CONTOURING AFTER MASSIVE WEIGHT LOSS PROCEDURES	2020	2019 <sup>◇</sup>	% CHANGE 2020 vs. 2019 <sup>◇</sup>
Breast lift (Mastopexy) after massive weight loss	10,972	13,050	-16%
Lower body lift after massive weight loss	5,043	5,552	-9%
Thigh lift after massive weight loss	4,592	3,713	24%
Tummy tuck (Abdominoplasty) after massive weight loss	19,347	19,871	-3%
Upper arm lift after massive weight loss	6,623	7,611	-13%
<b>TOTAL BODY CONTOURING AFTER MASSIVE WEIGHT LOSS PROCEDURES</b>	<b>46,577</b>	<b>49,797</b>	<b>-6%</b>



## 2020 Gender Confirmation Surgery

GENDER CONFIRMATION SURGERIES	2020	2019 <sup>◇</sup>	% CHANGE 2020 vs. 2019
<b>Trans Female patients</b>	<b>6,368</b>	<b>5,616</b>	<b>13%</b>
Trans Female patients: -Facial <sup>†</sup>	1,102	964	14%
Trans Female patients: -Breast/chest <sup>†</sup>	4,035	3,544	14%
Trans Female patients: -Genital <sup>†</sup>	1,231	1,108	11%
<b>Trans Male patients</b>	<b>9,985</b>	<b>8,986</b>	<b>11%</b>
Trans Male patients: -Facial <sup>†</sup>	337	342	-1%
Trans Male patients: -Breast/chest <sup>†</sup>	8,548	7,462	15%
Trans Male patients: -Genital <sup>†</sup>	1,100	1,182	-7%
<b>TOTAL GENDER CONFIRMATION SURGERIES</b>	<b>16,353</b>	<b>14,602</b>	<b>12%</b>



All values are projected.

<sup>†</sup>New procedure added for 2020

Average length of time Board-Certified physicians reported they stopped performing surgical procedures in 2020 due to Covid-19 is 8.1 weeks.

<sup>◇</sup>Projections have been updated to reflect a more comprehensive set of Board-Certified physicians performing these procedures.

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