

2018



Cosmetic (Aesthetic) Surgery National Data Bank

STATISTICS



The American Society for
Aesthetic Plastic Surgery

WE ARE
AESTHETICS.

Table of Contents

| | |
|---|----|
| Resources for the Media | 1 |
| Introduction to The Aesthetic Society® | 2 |
| Introduction to Cosmetic (Aesthetic) Surgery National Data Bank | 3 |
| 2018 Statistics Quick Facts | 4 |
| Top 5 Procedures: Surgical & Nonsurgical | 6 |
| National Totals (Surgical) | 7 |
| National Totals (Nonsurgical)..... | 8 |
| Surgical Procedures: 5-Year Comparison | 9 |
| Percent Change: 2018 vs 2017 & 2014 (Surgical) | 10 |
| Percent Change: 2018 vs 2017 & 2014 (Nonsurgical) | 11 |
| Top Procedures by Gender | 12 |
| Gender Distribution (Surgical) | 13 |
| Gender Distribution (Nonsurgical) | 14 |
| Age Distribution (Surgical)..... | 15 |
| Age Distribution (Nonsurgical)..... | 16 |
| Age Distribution (for Procedures) | 17 |
| Trends | 18 |
| National Average Fees (Surgical)..... | 19 |
| National Average Fees (Nonsurgical) | 20 |
| Economic, Regional and Ethnic Information | 21 |
| Procedure Quick Facts | 22 |
| Quick Facts | 24 |

WE ARE
AESTHETICS.

The Aesthetic Society Spokesperson Network

- Thought and opinion leaders in all types of cosmetic procedures, surgical and nonsurgical, are available for interviews and information
- Spokespersons are available nationwide in urban and rural settings
- Leadership is available for information and interviews in all major cosmetic surgery markets
- All Aesthetic Society® spokespersons are working clinicians in direct patient care

The Newsroom at <http://www.surgery.org/media>

- Downloadable statistics and infographics
- Procedural facts
- Complete library of press releases ranging from 1998 to the present indexed by subject and date
- Press kit
- Registration for Scientific Meetings (for invited and credentialed media)

Contact The Aesthetic Society® Communications Office at 562.799.2356 or e-mail media@surgery.org for prompt assistance.

About The Aesthetic Society

The Aesthetic Society (ASAPS) was founded in 1967 when cosmetic surgery was only beginning to be recognized as the important subspecialty it is today.

Founded on a mission of education, we are now widely recognized as the leader in aesthetic surgery research, education, and procedural advances.

United States Active membership in The Aesthetic Society® is restricted to plastic surgeons certified by the American Board of Plastic Surgery. Members are vetted by a review committee to ensure they are actively involved in the practice of aesthetic plastic surgery and devote a significant part of their professional effort to aesthetic surgery. Among other requirements, applicants must be sponsored by 2 current Active Society members and voted on by the entire membership.

About the Cosmetic Surgery **National Data Bank**

The Aesthetic Society, working with an independent research firm, compiled the national data for procedures performed in 2018. A paper-based questionnaire was mailed to 7,000 board-certified plastic surgeons. An online version of the questionnaire was also available. A total of 315 plastic surgeons board-certified by the American Board of Plastic Surgery returned questionnaires, of which 21 were retired or otherwise inactive during 2018. While surveys were distributed to all domestic, board-certified plastic surgeons, the results may reflect activities of surgeons who primarily conduct aesthetic surgical procedures. Final figures have been projected to reflect nationwide statistics. Confidence intervals change by procedure, depending on the grouping's sample size and the response variance, though the overall survey portion of this research has a standard error of +/- 5.59% at a 95% level of confidence.

The Survey on Cosmetic Procedures Performed in 2018 was compiled, tabulated and analyzed by Industry Insights Inc. (www.industryinsights.com), an independent research firm based in Columbus, OH.

HIGHLIGHTS

- 3 historically less popular procedures have increased in popularity significantly in the past year. These include **Thigh Lifts**, (up 24%), **Chin Augmentation**, (up 20%) and **Breast Reduction**, (up 18%).
- The top 5 **surgical** procedures performed in the U.S. by plastic surgeons board-certified by the American Board of Plastic Surgery:



- **Tummy Tucks**
(Performed by 93% of all plastic surgeons)

- **Liposuction**
(Performed by 92% of all plastic surgeons)

- **Breast Lifts**
(Performed by 90% of all plastic surgeons)

- **Eyelid Surgery**
(Performed by 90% of all plastic surgeons)



- **Breast Augmentation with Silicone Implants**
(Performed by 88% of all plastic surgeons)



- **Botox** has been the **#1 aesthetic procedure** performed by plastic surgeons since 1999.

- More than ONE BILLION dollars was spent on **injectables** in 2018

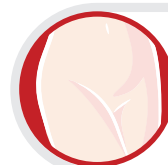


- More than ONE BILLION dollars was spent on **silicone gel breast implants** in 2018

- Of the **26,774 buttock augmentation** procedures performed in 2018, **94% (or 25,168)** consisted of fat transfer.



- In 2018, men received
 - **39%** of all ear surgery (otoplasty)
 - **23%** of all body lifts
 - **17%** of all neck lifts
 - **16%** of all nose surgery (rhinoplasty)
 - **15%** of all eyelid surgery (blepharoplasty)



- **Buttock augmentation** and **Labiaplasty** are among the fastest growing surgical procedures, **up 61%** and **53%** in five years respectively.

Source: American Society for Aesthetic Plastic Surgery

TOP 5



The top five surgical procedures in 2018 were:

- **Breast Augmentation** (329,914 procedures)
- **Liposuction** (289,261 procedures)
- **Breast Lift** (158,964 procedures)
- **Tummy Tuck** (157,492 procedures)
- **Eyelid Surgery** (115,508 procedures)



The top five nonsurgical procedures in 2018 were:

- **Botulinum Toxin** (1,801,033 procedures)
- **Hyaluronic Acid** (810,240 procedures)
- **Nonsurgical Fat Reduction** (174,244 procedures)
- **Photo Rejuvenation** (135,624 procedures)
- **Chemical Peel** (129,596 procedures)

GENDER



The top five surgical procedures for women in 2018 were:

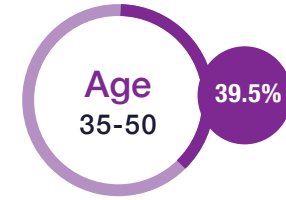
- **Breast Augmentation** (329,914 procedures)
- **Liposuction** (257,020 procedures)
- **Breast Lift** (158,964 procedures)
- **Tummy Tuck** (152,446 procedures)
- **Eyelid Surgery (Blepharoplasty)** (97,916 procedures)



The top five surgical procedures for men in 2018 were:

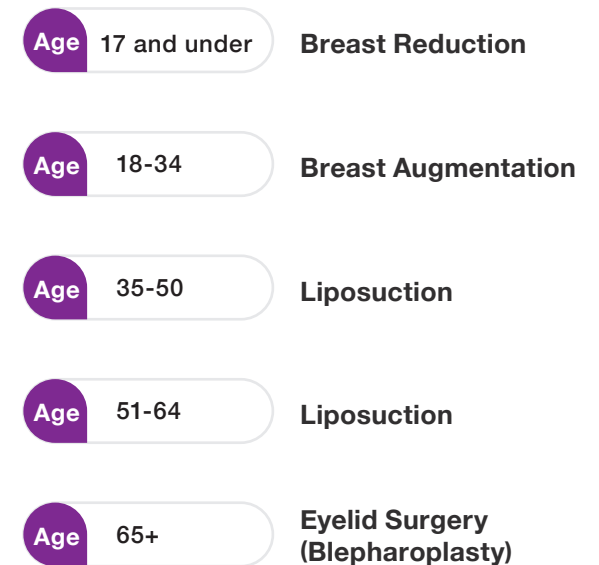
- **Liposuction** (32,241 procedures)
- **Breast Reduction (treatment of Gynecomastia)** (24,672 procedures)
- **Eyelid Surgery (Blepharoplasty)** (17,593 procedures)
- **Nose Surgery** (6,729 procedures)
- **Tummy Tuck** (5,046 procedures)

AGE



As in 2017, patients aged 35 – 50 had the largest percentage of surgical procedures performed, (39.5% of the total number for all age brackets)

The most common surgical procedures per age group in 2018 were as follows:

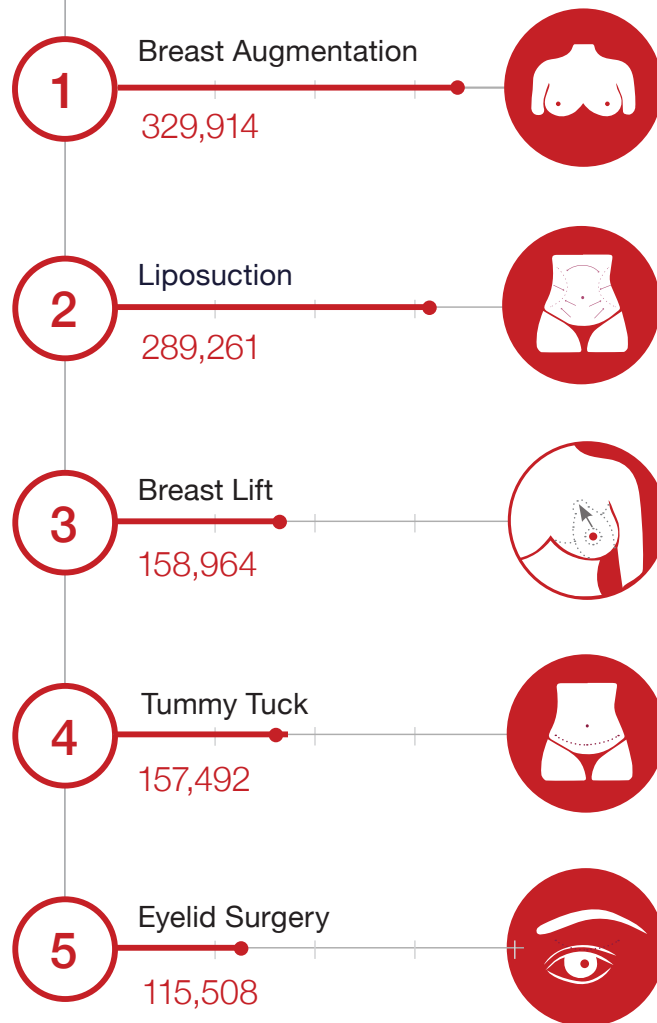


Source: American Society for Aesthetic Plastic Surgery



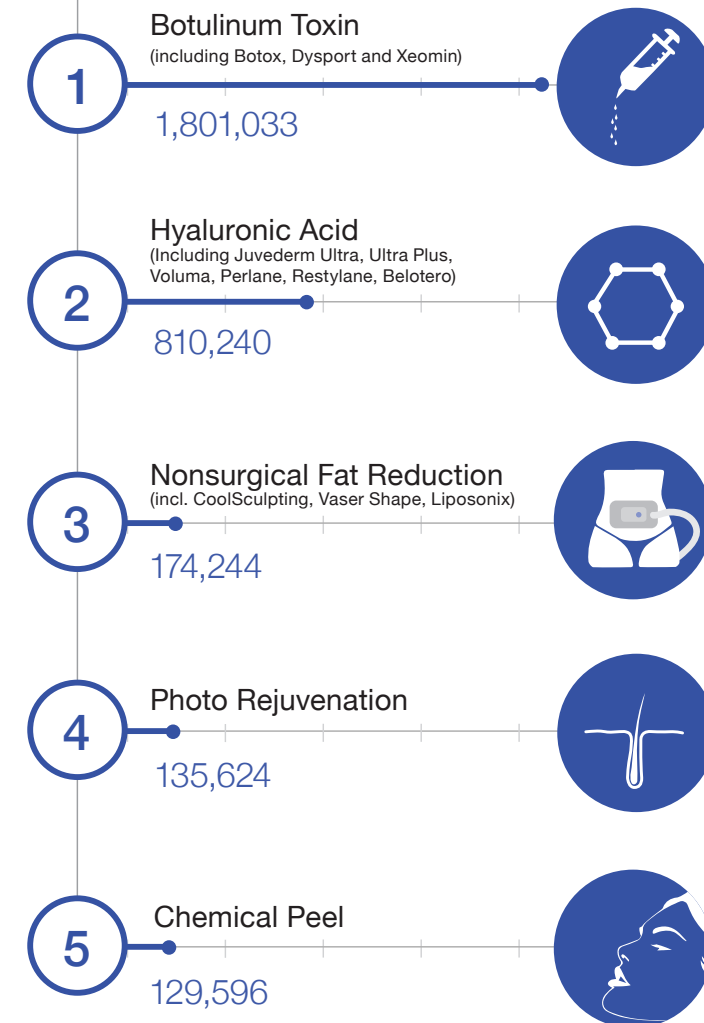
TOP

5 Surgical Procedures in 2018



TOP

5 Nonsurgical Procedures in 2018



Source: American Society for Aesthetic Plastic Surgery

Please credit the American Society for Aesthetic Plastic Surgery when citing statistical data.
 Contact: The Aesthetic Society • 562.799.2356 • media@surgery.org • www.surgery.org • fax: 562.799.1098

2018 National Totals for Cosmetic Procedures - **Surgical**



The following list includes surgical cosmetic procedures.
The top 5 surgical procedures are indicated in bold superscript letters in the column headed Number of Procedures.

| Surgical Procedure | Number of Procedures | 2018 Rank within Category (Surgical) | 2017 Rank within Category | 2014 Rank within Category |
|---|-----------------------------|--------------------------------------|---------------------------|---------------------------|
| Breast Augmentation* | 329,914 ^A | 1 | 1 | 1 |
| Breast Implant Removal (breast implant explantation) | 49,834 | 8 | 9 | x |
| Breast Lift | 158,964 ^C | 3 | 4 | 5 |
| Breast Reduction (women)** | 84,599 | 6 | 7 | 7 |
| Brow Lift | 21,868 | 15 | 13 | 12 |
| Buttock Augmentation (implants and fat transfer)*** | 26,774 | 12 | 12 | 15 |
| Buttock Lift | 5,257 | 22 | 22 | 22 |
| Chin Augmentation | 7,149 | 20 | 21 | 20 |
| Ear Surgery | 10,724 | 18 | 18 | 17 |
| Eyelid Surgery | 115,508 ^E | 5 | 3 | 3 |
| Facelift | 73,174 | 7 | 6 | 6 |
| Fat Transfer: Breast | 23,340 | 14 | 14 | x |
| Fat Transfer: Face | 39,461 | 10 | 8 | x |
| Male Breast Reduction (for the treatment of Gynecomastia) | 24,672 | 13 | 15 | 15 |
| Labiaplasty (excluding vaginal rejuvenation) | 12,756 | 17 | 17 | 18 |
| Liposuction | 289,261 ^B | 2 | 2 | 2 |
| Lower Body Lift | 6,098 | 21 | 20 | 21 |
| Neck Lift | 27,475 | 11 | 11 | x |
| Nose Surgery | 41,213 | 9 | 10 | 9 |
| Thigh Lift | 9,743 | 19 | 19 | 19 |
| Tummy Tuck | 157,492 ^D | 4 | 5 | 4 |
| Upper Arm Lift | 18,364 | 16 | 16 | 16 |
| Totals - Surgical Procedures | 1,533,640 | | | |

* 12% of these procedures used saline implants and 88% used silicone implants.

** Breast reduction may be covered by insurance, depending on terms of the policy and individual patient factors.

*** 6% of buttock augmentations included implants and 94% were fat transfers.

Hair transplantation, Polymethylmethacrylate, and Treatment of leg veins were excluded from the results, due to an insufficient sample of responding physicians who perform those procedures.

Source: American Society for Aesthetic Plastic Surgery

2018 National Totals for Cosmetic Procedures - Nonsurgical



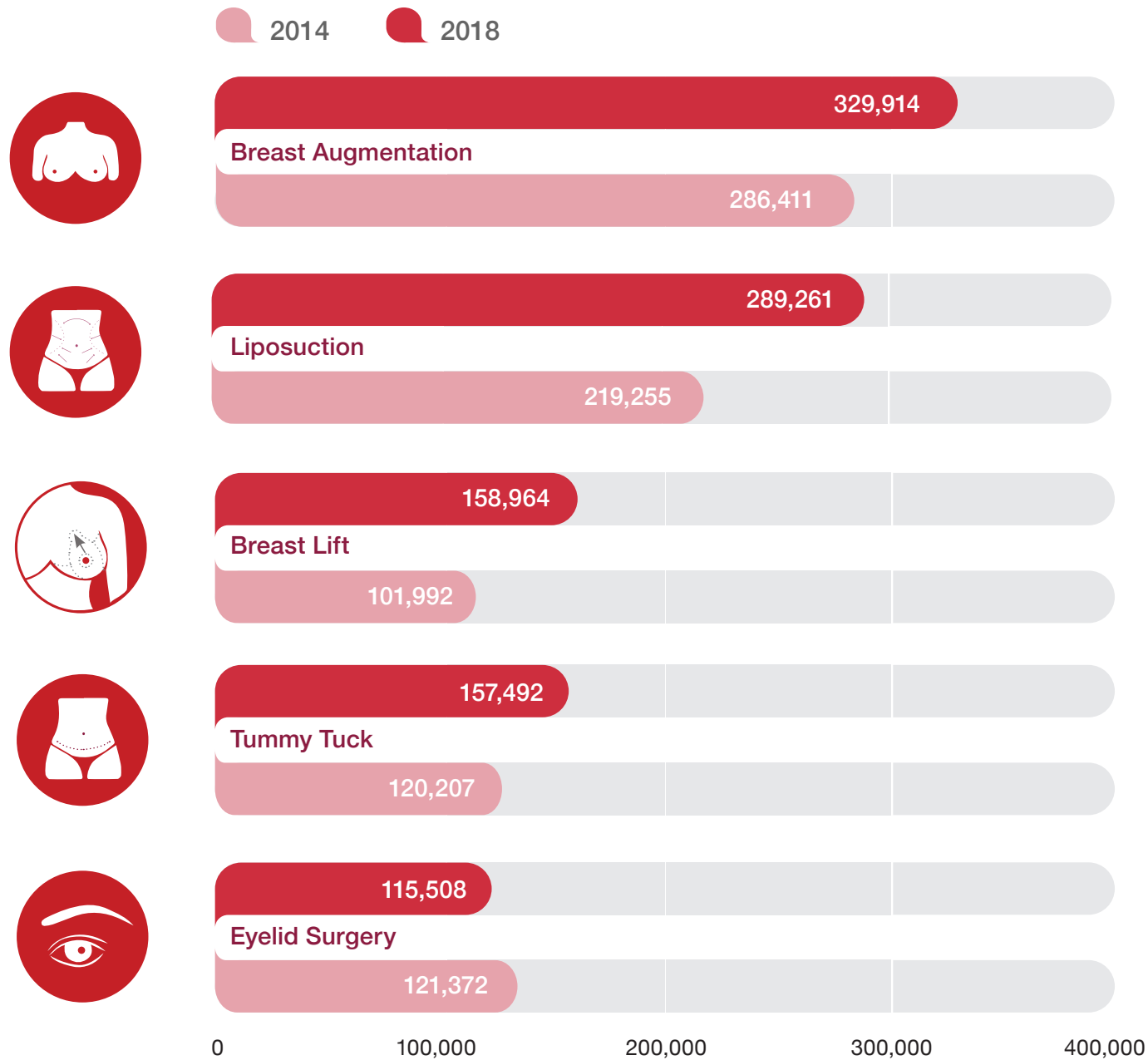
The following list includes nonsurgical cosmetic procedures.
The top 5 nonsurgical procedures are indicated by bold superscript numbers in the column headed Number of Procedures.

| Nonsurgical Procedure | Number of Procedures | 2018 Rank within Category (Nonsurgical) |
|--|-------------------------------|---|
| Injectables: | | |
| Botulinum Toxin (including Botox, Dysport, Xeomin) | 1,801,033 ¹ | 1 |
| Calcium Hydroxylapatite (Radiesse) | 31,821 | 9 |
| Hyaluronic Acid (incl. Juvederm Ultra, Ultra Plus, Voluma, Perlane, Restylane, Belotero) | 810,240 ² | 2 |
| Poly-L-Lactic Acid (Sculptra) | 28,036 | 10 |
| Totals - Injectables | 2,671,130 | |
| Facial Rejuvenation: | | |
| Chemical Peel | 129,596 ⁵ | 5 |
| Full Field Ablative (laser skin resurfacing) | 37,849 | 8 |
| Micro-Ablative Resurfacing (fractional resurfacing) | 38,550 | 7 |
| Photorejuvenation (IPL) | 135,624 ⁴ | 4 |
| Totals - Facial Rejuvenation | 341,619 | |
| Other: | | |
| Hair Removal (laser or pulsed light) | 118,592 | 6 |
| Nonsurgical Fat Reduction (including CoolSculpting, Vaser Shape, Liposonix) | 174,244 ³ | 3 |
| Sclerotherapy | 10,303 | 11 |
| Totals - Other Nonsurgical Procedures | 303,139 | |
| Totals - Nonsurgical Procedures | 3,315,888 | |

Hair transplantation, Polymethylmethacrylate, and Treatment of leg veins were excluded from the results, due to an insufficient sample of responding physicians who perform those procedures.

Source: American Society for Aesthetic Plastic Surgery

Surgical Procedures: 5-Year Comparison, 2014–2018



Source: American Society for Aesthetic Plastic Surgery

Please credit the American Society for Aesthetic Plastic Surgery when citing statistical data.
Contact: The Aesthetic Society • 562.799.2356 • media@surgery.org • www.surgery.org • fax: 562.799.1098

Percent of Change in Select Procedures: 2018 vs 2017 & 2014 - Surgical



Note that large percentage changes are common in cases where the total number of procedures is small.

| Surgical Procedure | 2018 | 2017 | 2014 | Percent Change 2018 vs 2017 | Percent Change 2018 vs 2014 |
|---|------------------|------------------|------------------|--------------------------------|--------------------------------|
| Breast Augmentation | 329,914 | 333,392 | 286,411 | -1.0% | 15.2% |
| Breast Implant Removal (breast implant explantation) | 49,834 | 45,024 | na | 10.7% | na |
| Breast Lift | 158,964 | 142,710 | 101,992 | 11.4% | 55.9% |
| Breast Reduction (women)* | 84,599 | 71,422 | 66,298 | 18.4% | 27.6% |
| Brow Lift | 21,868 | 22,713 | 24,593 | -3.7% | -11.1% |
| Buttock Augmentation (implants and fat transfer) | 26,774 | 23,115 | 16,620 | 15.8% | 61.1 |
| Buttock Lift | 5,257 | 4,690 | 2,821 | 12.1% | 86.3% |
| Chin Augmentation | 7,149 | 5,963 | 7,114 | 19.9% | 0.5% |
| Ear Surgery | 10,724 | 10,519 | 10,733 | 1.9% | -0.1% |
| Eyelid Surgery | 115,508 | 145,390 | 121,372 | -20.6% | -4.8% |
| Facelift | 73,174 | 82,410 | 72,124 | -11.2% | 1.5% |
| Fat Transfer: Breast | 23,340 | 21,708 | na | 7.5% | na |
| Fat Transfer: Face | 39,461 | 54,739 | na | -27.9% | na |
| Male Breast Reduction (for the treatment of Gynecomastia) | 24,672 | 20,167 | 16,682 | 22.3% | 47.9% |
| Labiaplasty (excluding vaginal rejuvenation) | 12,756 | 10,787 | 8,341 | 18.3% | 52.9% |
| Liposuction | 289,261 | 304,850 | 219,255 | -5.1% | 31.9% |
| Lower Body Lift | 6,098 | 6,499 | 6,378 | -6.2% | -4.4% |
| Neck Lift | 27,475 | 28,542 | na | -3.7% | na |
| Nose Surgery | 41,213 | 38,659 | 44,342 | 6.6% | -7.1% |
| Thigh Lift | 9,743 | 7,839 | 7,544 | 24.3% | 29.1% |
| Tummy Tuck | 157,492 | 140,834 | 120,207 | 11.8% | 31.0% |
| Upper Arm Lift | 18,364 | 18,157 | 13,799 | 1.1% | 33.1% |
| Totals - Surgical Procedures | 1,533,640 | 1,540,129 | 1,146,626 | -0.4% | 21.5% |

*Breast reduction may be covered by insurance, depending on terms of the policy and individual patient factors.

n/a = Not available (was not collected in that year's survey)

Hair transplantation, Polymethylmethacrylate, and Treatment of leg veins were excluded from the results, due to an insufficient sample of responding physicians who perform those procedures.

Percent change totals are based on procedures for which data were collected in both years.

Source: American Society for Aesthetic Plastic Surgery

Percent of Change in Select Procedures: 2018 vs 2017 & 2014 - Nonsurgical



| Note that large percentage changes are common in cases where the total number of procedures is small. | | | | | |
|---|------------------|------------------|------------------|--------------------------------|--------------------------------|
| | 2018 | 2017 | 2014 | Percent Change 2018 vs 2017 | Percent Change 2018 vs 2014 |
| Nonsurgical Procedure | | | | | |
| Injectables: | | | | | |
| Botulinum Toxin (including Botox, Dysport, Xeomin) | 1,801,033 | 1,548,236 | 1,326,323 | 16.3% | 35.8% |
| Calcium Hydroxylapatite (Radiesse) | 31,821 | 42,143 | 59,858 | -24.5% | -46.8% |
| Hyaluronic Acid (incl. Juvederm Ultra, Ultra Plus, Voluma, Perlane, Restylane, Belotero) | 810,240 | 722,394 | 511,676 | 12.2% | 58.4% |
| Poly-L-Lactic Acid (Sculptra) | 28,036 | 31,557 | 28,457 | -11.2% | -1.5% |
| Totals - Injectables | 2,671,130 | 2,344,330 | 1,926,314 | 13.9% | 38.7% |
| Facial Rejuvenation: | | | | | |
| Chemical Peel | 129,596 | 118,523 | 130,878 | 9.3% | -1.0% |
| Full Field Ablative (laser skin resurfacing) | 37,849 | 31,892 | 40,478 | 18.7% | -6.5% |
| Micro-Ablative Resurfacing (fractional resurfacing) | 38,550 | 59,764 | 29,990 | -35.5% | 28.5% |
| Photorejuvenation (IPL) | 135,624 | 113,230 | 104,936 | 19.8% | 29.2% |
| Totals - Facial Rejuvenation | 341,619 | 323,409 | 306,282 | 5.6% | 11.5% |
| Other: | | | | | |
| Hair Removal (laser or pulsed light) | 118,592 | 178,488 | 173,625 | -33.6% | -31.7% |
| Nonsurgical Fat Reduction (incl. CoolSculpting, Vaser Shape, Liposonix) | 174,244 | 180,833 | 115,852 | -3.6% | 50.4% |
| Sclerotherapy | 10,303 | 9,380 | 18,828 | 9.8% | -45.3% |
| Totals - Other Nonsurgical Procedures | 303,139 | 368,701 | 308,306 | -17.8% | -1.7% |
| Totals - Nonsurgical Procedures | 3,315,888 | 3,036,440 | 2,540,902 | 9.2% | 30.5% |

*Breast reduction may be covered by insurance, depending on terms of the policy and individual patient factors.

n/a = Not available (was not collected in that year's survey)

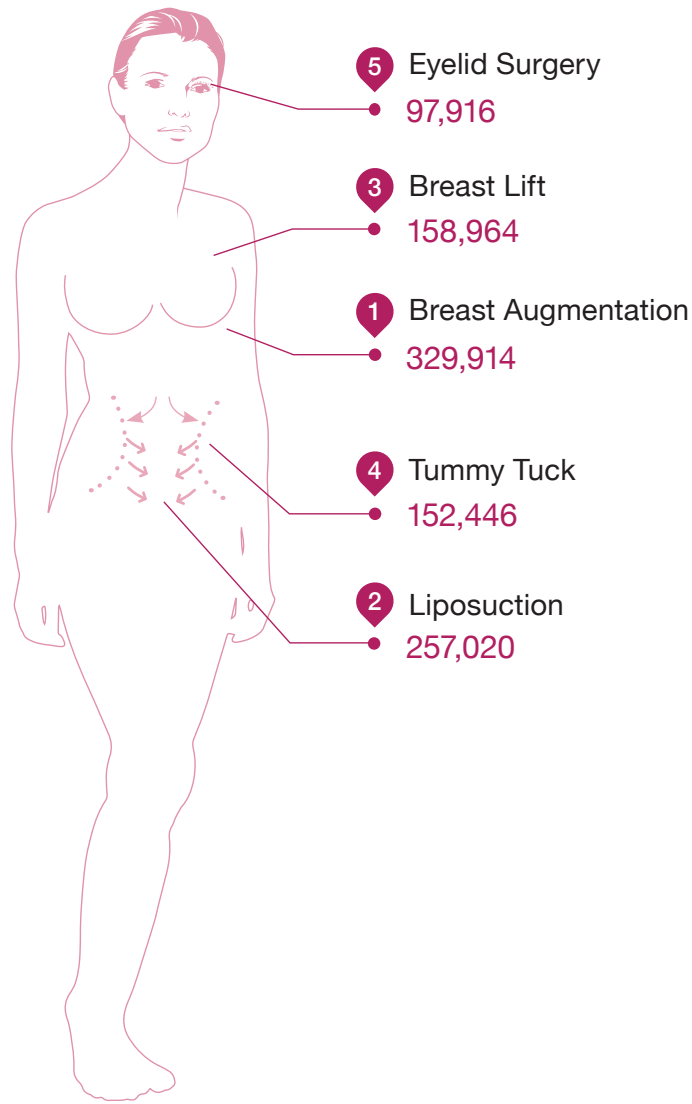
Hair transplantation, Polymethylmethacrylate, and Treatment of leg veins were excluded from the results, due to an insufficient sample of responding physicians who perform those procedures.

Percent change totals are based on procedures for which data were collected in both years.

Source: American Society for Aesthetic Plastic Surgery

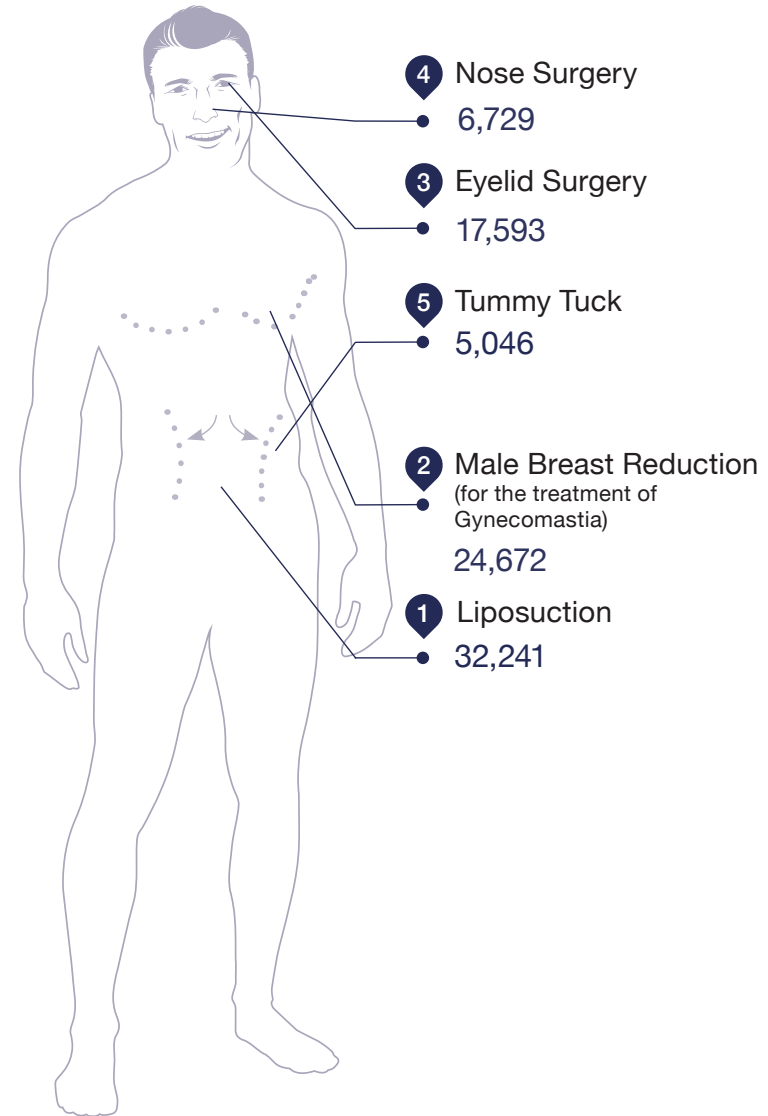
TOP 5

♀ Cosmetic Surgeries for Women in 2018



TOP 5

♂ Cosmetic Surgeries for Men in 2018



Source: American Society for Aesthetic Plastic Surgery

2018 Gender Distribution for Cosmetic Procedures - Surgical



The following list includes gender distribution data for surgical cosmetic procedures. The rankings of procedures within their surgical categories are indicated in the column Rank within Category.

| Surgical Procedure | ♀ FEMALE | | | ♂ MALE | | |
|---|----------------------|------------------|---------------------------------|----------------------|------------------|---------------------------------|
| | Number of Procedures | Percent of Total | Rank within Category (Surgical) | Number of Procedures | Percent of Total | Rank within Category (Surgical) |
| Breast Augmentation | 329,914 | 100.0% | 1 | dna | dna | dna |
| Breast Implant Removal (breast implant explantation) | 49,834 | 100.0% | 8 | dna | dna | dna |
| Breast Lift | 158,964 | 100.0% | 3 | dna | dna | dna |
| Breast Reduction (women)* | 84,599 | 100.0% | 6 | dna | dna | dna |
| Brow Lift | 19,555 | 89.4% | 14 | 2,313 | 10.6% | 9 |
| Buttock Augmentation (implants and fat transfer) | 26,551 | 99.2% | 11 | 223 | 0.8% | 16 |
| Buttock Lift | 4,994 | 95.0% | 20 | 263 | 5.0% | 15 |
| Chin Augmentation | 6,308 | 88.2% | 19 | 841 | 11.8% | 13 |
| Ear Surgery | 6,518 | 60.8% | 18 | 4,205 | 39.2% | 8 |
| Eyelid Surgery | 97,916 | 84.8% | 5 | 17,593 | 15.2% | 3 |
| Facelift | 68,828 | 94.1% | 7 | 4,346 | 5.9% | 7 |
| Fat Transfer: Breast | 23,200 | 99.4% | 12 | 140 | 0.6% | 17 |
| Fat Transfer: Face | 37,428 | 94.8% | 9 | 2,033 | 5.2% | 10 |
| Male Breast Reduction (for the treatment of Gynecomastia) | dna | dna | dna | 24,672 | 100.0% | 2 |
| Labiaplasty (excluding vaginal rejuvenation) | 12,756 | 100.0% | 16 | dna | dna | dna |
| Liposuction | 257,020 | 88.9% | 2 | 32,241 | 11.1% | 1 |
| Lower Body Lift | 4,696 | 77.0% | 21 | 1,402 | 23.0% | 11 |
| Neck Lift | 22,639 | 82.4% | 13 | 4,836 | 17.6% | 6 |
| Nose Surgery | 34,484 | 83.7% | 10 | 6,729 | 16.3% | 4 |
| Thigh Lift | 9,322 | 95.7% | 17 | 421 | 4.3% | 14 |
| Tummy Tuck | 152,446 | 96.8% | 4 | 5,046 | 3.2% | 5 |
| Upper Arm Lift | 17,523 | 95.4% | 15 | 841 | 4.6% | 12 |
| Totals - Surgical Procedures | 1,425,495 | 92.9% | | 108,144 | 7.1% | |

*Breast Reduction may be covered by insurance, depending on terms of the policy and individual patient factors.
dna = Does not apply

Source: American Society for Aesthetic Plastic Surgery

2018 Gender Distribution for Cosmetic Procedures - Nonsurgical



The following list includes gender distribution data for nonsurgical cosmetic procedures. The rankings of procedures within their nonsurgical categories are indicated in the column Rank within Category.

| Nonsurgical Procedure | ♀ FEMALE | | | ♂ MALE | | |
|--|----------------------|------------------|------------------------------------|----------------------|------------------|------------------------------------|
| | Number of Procedures | Percent of Total | Rank within Category (Nonsurgical) | Number of Procedures | Percent of Total | Rank within Category (Nonsurgical) |
| Injectables: | | | | | | |
| Botulinum Toxin (including Botox, Dysport, Xeomin) | 1,638,940 | 91.0% | 1 | 162,093 | 9.0% | 1 |
| Calcium Hydroxylapatite (Radiesse) | 29,017 | 91.2% | 9 | 2,804 | 8.8% | 6 |
| Hyaluronic Acid (incl. Juvederm Ultra, Ultra Plus, Voluma, Perlane, Restylane, Belotero) | 770,149 | 95.1% | 2 | 40,091 | 4.9% | 2 |
| Poly-L-Lactic Acid (Sculptra) | 27,055 | 96.5% | 10 | 981 | 3.5% | 10 |
| Totals - Injectables | 2,465,161 | 92.3% | | 205,969 | 7.7% | |
| Facial Rejuvenation: | | | | | | |
| Chemical Peel | 127,494 | 98.4% | 5 | 2,103 | 1.6% | 7 |
| Full Field Ablative (laser skin resurfacing) | 36,587 | 96.7% | 8 | 1,262 | 3.3% | 8 |
| Micro-Ablative Resurfacing (fractional resurfacing) | 37,568 | 97.5% | 7 | 981 | 2.5% | 9 |
| Photorejuvenation (IPL) | 129,737 | 95.7% | 4 | 5,888 | 4.3% | 5 |
| Totals - Facial Rejuvenation | 331,386 | 97.0% | | 10,233 | 3.0% | |
| Other: | | | | | | |
| Hair Removal (laser or pulsed light) | 103,593 | 87.4% | 6 | 14,999 | 12.6% | 4 |
| Nonsurgical Fat Reduction (incl. CoolSculpting, Vaser Shape, Liposonix) | 151,885 | 87.2% | 3 | 22,359 | 12.8% | 3 |
| Sclerotherapy | 10,230 | 99.3% | 11 | 73 | 0.7% | 11 |
| Totals - Other Nonsurgical Procedures | 265,708 | 87.7% | | 37,431 | 12.3% | |
| Totals - Nonsurgical Procedures | 3,062,254 | 92.4% | | 253,633 | 7.6% | |

Hair transplantation, Polymethylmethacrylate, and Treatment of leg veins were excluded from the results, due to an insufficient sample of responding physicians who perform those procedures.

Source: American Society for Aesthetic Plastic Surgery

2018 Age Distribution for Cosmetic Procedures - Surgical



The top 3 surgical procedures in each age category are indicated in bold and with bold superscript letters.

| Surgical Procedure | 17 and Under | | 18-34 | | 35-50 | | 51-64 | | 65+ | |
|---|--------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|
| | Number of Procedures | Percent of Procedural Total | Number of Procedures | Percent of Procedural Total | Number of Procedures | Percent of Procedural Total | Number of Procedures | Percent of Procedural Total | Number of Procedures | Percent of Procedural Total |
| Breast Augmentation | 561 | 0.2% | 160,156^A | 48.5% | 129,877^B | 39.4% | 35,045 | 10.6% | 4,275 | 1.3% |
| Breast Implant Removal (breast implant explantation) | 0 | 0.0% | 5,607 | 11.3% | 21,167 | 42.5% | 19,415 | 39.0% | 3,645 | 7.3% |
| Breast Lift | 280 | 0.2% | 33,994 ^C | 21.4% | 78,150 | 49.2% | 37,638 | 23.7% | 8,901 | 5.6% |
| Breast Reduction (women)* | 4,906^A | 5.8% | 28,316 | 33.5% | 28,877 | 34.1% | 17,873 | 21.1% | 4,626 | 5.5% |
| Brow Lift | 0 | 0.0% | 280 | 1.3% | 5,187 | 23.7% | 10,584 | 48.4% | 5,817 | 26.6% |
| Buttock Augmentation (implants and fat transfer) | 0 | 0.0% | 10,678 | 39.9% | 10,742 | 40.1% | 4,163 | 15.5% | 1,192 | 4.5% |
| Buttock Lift | 0 | 0.0% | 1,934 | 36.8% | 2,115 | 40.2% | 1,208 | 23.0% | 0 | 0.0% |
| Chin Augmentation | 70 | 1.0% | 3,995 | 55.9% | 1,892 | 26.5% | 981 | 13.7% | 210 | 2.9% |
| Ear Surgery | 3,084^B | 28.8% | 3,575 | 33.3% | 2,453 | 22.9% | 561 | 5.2% | 1,051 | 9.8% |
| Eyelid Surgery | 0 | 0.0% | 5,467 | 4.7% | 30,840 | 26.7% | 53,198^B | 46.1% | 26,003^A | 22.5% |
| Facelift | 0 | 0.0% | 0 | 0.0% | 8,481 | 11.6% | 41,073^C | 56.1% | 23,620^B | 32.3% |
| Fat Transfer: Breast | 210 | 0.9% | 4,135 | 17.7% | 11,214 | 48.0% | 6,448 | 27.6% | 1,332 | 5.7% |
| Fat Transfer: Face | 0 | 0.0% | 1,121 | 2.8% | 10,233 | 25.9% | 18,223 | 46.2% | 9,883 | 25.0% |
| Male Breast Reduction (for the treatment of Gynecomastia) | 2,033^C | 8.2% | 12,826 | 52.0% | 6,729 | 27.3% | 2,804 | 11.4% | 280 | 1.1% |
| Labiaplasty (excluding vaginal rejuvenation) | 491 | 3.8% | 8,621 | 67.6% | 2,874 | 22.5% | 771 | 6.0% | 0 | 0.0% |
| Liposuction | 981 | 0.3% | 75,837^B | 26.2% | 134,853^A | 46.6% | 66,025^A | 22.8% | 11,565^C | 4.0% |
| Lower Body Lift | 0 | 0.0% | 841 | 13.8% | 3,715 | 60.9% | 1,192 | 19.5% | 350 | 5.7% |
| Neck Lift | 0 | 0.0% | 210 | 0.8% | 4,275 | 15.6% | 14,509 | 52.8% | 8,481 | 30.9% |
| Nose Surgery | 1,892 | 4.6% | 21,377 | 51.9% | 11,705 | 28.4% | 5,187 | 12.6% | 1,051 | 2.6% |
| Thigh Lift | 0 | 0.0% | 1,752 | 18.0% | 4,486 | 46.0% | 2,804 | 28.8% | 701 | 7.2% |
| Tummy Tuck | 0 | 0.0% | 29,368 | 18.6% | 88,734^C | 56.3% | 33,012 | 21.0% | 6,378 | 4.0% |
| Upper Arm Lift | 0 | 0.0% | 771 | 4.2% | 7,500 | 40.8% | 8,621 | 46.9% | 1,472 | 8.0% |
| Totals - Surgical Procedures | 14,509 | 0.9% | 410,862 | 26.8% | 606,098 | 39.5% | 381,335 | 24.9% | 120,835 | 7.9% |

* Breast reduction may be covered by insurance, depending on terms of the policy and individual patient factors. Hair transplantation, Upper body lift, Polymethylmethacrylate, Cellulite treatment, and Treatment of leg veins were excluded from the results, due to an insufficient sample of responding physicians who perform those procedures.

Source: American Society for Aesthetic Plastic Surgery

2018 Age Distribution for Cosmetic Procedures - Nonsurgical



The top 3 nonsurgical procedures in each age category are indicated in bold and with bold superscript numbers.

| Nonsurgical Procedure | 17 and Under | | 18-34 | | 35-50 | | 51-64 | | 65+ | |
|--|--------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|
| | Number of Procedures | Percent of Procedural Total | Number of Procedures | Percent of Procedural Total | Number of Procedures | Percent of Procedural Total | Number of Procedures | Percent of Procedural Total | Number of Procedures | Percent of Procedural Total |
| Injectables: | | | | | | | | | | |
| Botulinum Toxin (including Botox, Dysport, Xeomin) | 327 | 0.0% | 294,573¹ | 16.4% | 696,808¹ | 38.7% | 577,583¹ | 32.1% | 231,742¹ | 12.9% |
| Calcium Hydroxylapatite (Radiesse) | 0 | 0.0% | 2,453 | 7.7% | 11,144 | 35.0% | 11,144 | 35.0% | 7,079 | 22.2% |
| Hyaluronic Acid (incl. Juvederm Ultra, Ultra Plus, Voluma, Perlane, Restylane, Belotero) | 350 | 0.0% | 136,746² | 16.9% | 276,505² | 34.1% | 266,973² | 32.9% | 129,667² | 16.0% |
| Poly-L-Lactic Acid (Sculptra) | 0 | 0.0% | 1,121 | 4.0% | 7,079 | 25.3% | 14,579 | 52.0% | 5,257 | 18.8% |
| Totals - Injectables | 678 | 0.0% | 434,893 | 16.3% | 991,536 | 37.1% | 870,279 | 32.6% | 373,744 | 14.0% |
| Facial Rejuvenation: | | | | | | | | | | |
| Chemical Peel | 631³ | 0.5% | 16,261 | 12.5% | 47,171 | 36.4% | 42,825 | 33.0% | 22,709 | 17.5% |
| Full Field Ablative (laser skin resurfacing) | 0 | 0.0% | 1,542 | 4.1% | 9,672 | 25.6% | 19,835 | 52.4% | 6,799 | 18.0% |
| Micro-Ablative Resurfacing (fractional resurfacing) | 70 | 0.2% | 3,224 | 8.4% | 11,495 | 29.8% | 16,681 | 43.3% | 7,079 | 18.4% |
| Photorejuvenation (IPL) | 6,518² | 4.8% | 26,073 | 19.2% | 29,180 | 28.9% | 41,563 | 30.6% | 22,289 | 16.4% |
| Totals - Facial Rejuvenation | 7,219 | 2.1% | 47,100 | 13.8% | 107,518 | 31.5% | 120,905 | 35.4% | 58,876 | 17.2% |
| Other: | | | | | | | | | | |
| Hair Removal (laser or pulsed light) | 7,710¹ | 6.5% | 45,629³ | 38.5% | 40,442 | 34.1% | 14,228 | 12.0% | 10,584 | 8.9% |
| Nonsurgical Fat Reduction (incl. CoolSculpting, Vaser Shape, Liposonix) | 0 | 0.0% | 35,115 | 20.2% | 66,796³ | 38.3% | 42,825³ | 24.6% | 29,508³ | 16.9% |
| Sclerotherapy | 0 | 0.0% | 421 | 4.1% | 3,575 | 34.7% | 6,028 | 58.5% | 280 | 2.7% |
| Totals - Other Nonsurgical Procedures | 7,710 | 2.5% | 81,164 | 26.8% | 110,812 | 36.6% | 63,081 | 20.8% | 40,372 | 13.3% |
| Totals - Nonsurgical Procedures | 15,607 | 0.5% | 563,158 | 17.0% | 1,209,867 | 36.5% | 1,054,265 | 31.8% | 472,992 | 14.3% |

* Breast reduction may be covered by insurance, depending on terms of the policy and individual patient factors.
Hair transplantation, Polymethylmethacrylate, and Treatment of leg veins were excluded from the results, due to an insufficient sample of responding physicians who perform those procedures.

Source: American Society for Aesthetic Plastic Surgery



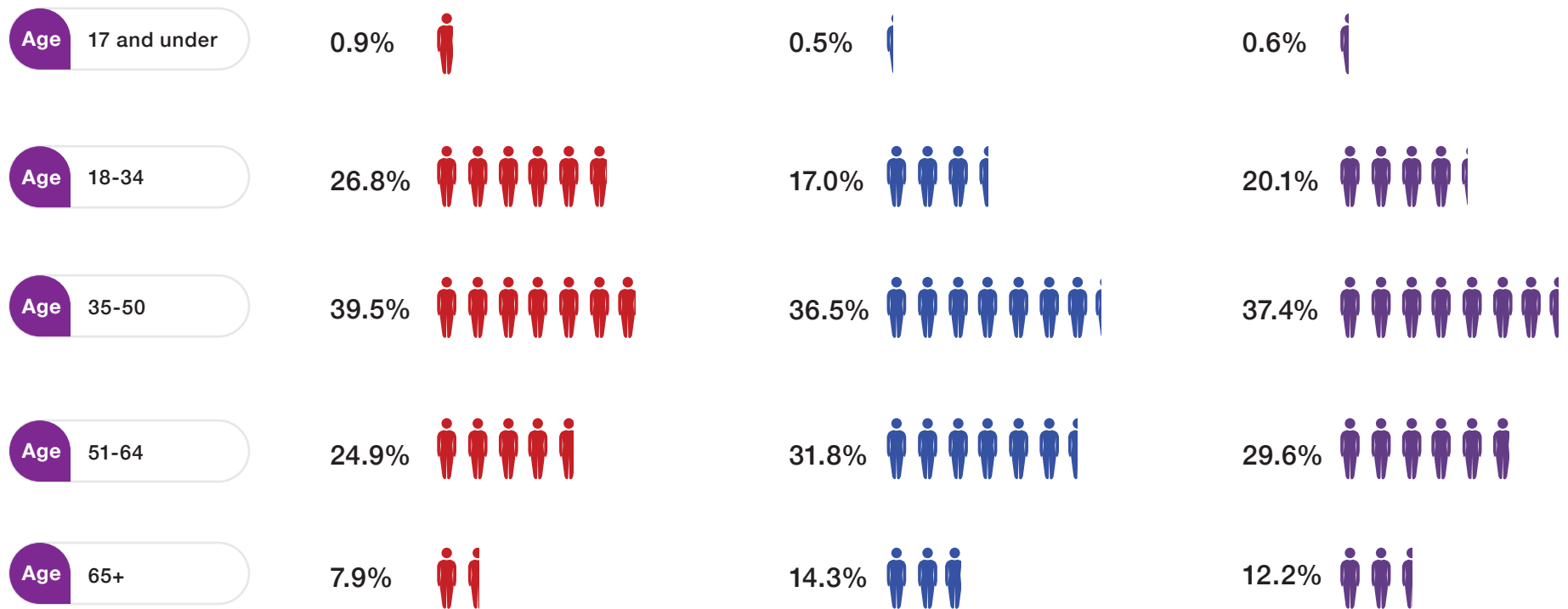
Percent of Total
Surgical Procedures
by Age



Percent of Total
Nonsurgical Procedures
by Age



Percent of Total
Surgical and Nonsurgical
Procedures by Age



Total population (rounded) = 100%

Source: American Society for Aesthetic Plastic Surgery

Please credit the American Society for Aesthetic Plastic Surgery when citing statistical data.
Contact: The Aesthetic Society • 562.799.2356 • media@surgery.org • www.surgery.org • fax: 562.799.1098

Buttock Augmentation and Labiaplasty

No longer seen as passing trends

5 years of
continued growth

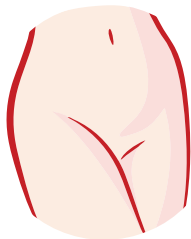


Buttock Augmentation



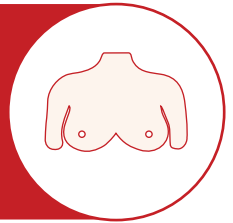
- > **61%** ↑ in 5 years
- > **More than 100 million** spent in 2018
- > **26,774** performed in 2018

Labiaplasty

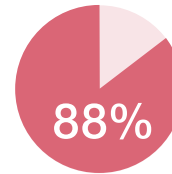


- > **53%** ↑ in 5 years
- > **More than 35 million** spent in 2018
- > **12,756** performed in 2018

When it comes to breast implants, **Silicone Gel** are the preferred choice



Silicone Gel



- > Of the **329,914** breast augmentations performed in 2018, **88% featured** silicone gel implants
- > **More than 1 billion** was spent on silicone gel implants in 2018

The rise of the perennially popular
Injectables continues



Injectables



- > Botulinum Toxin has been the **#1** aesthetic procedure of plastic surgeons since 1999.
- > **More than 1 billion** was spent on injectables in 2018 alone.
- > Hyaluronic Acid injections are **up 58%** since 2014
- > Botulinum Toxin injections are **up 36%** since 2014.

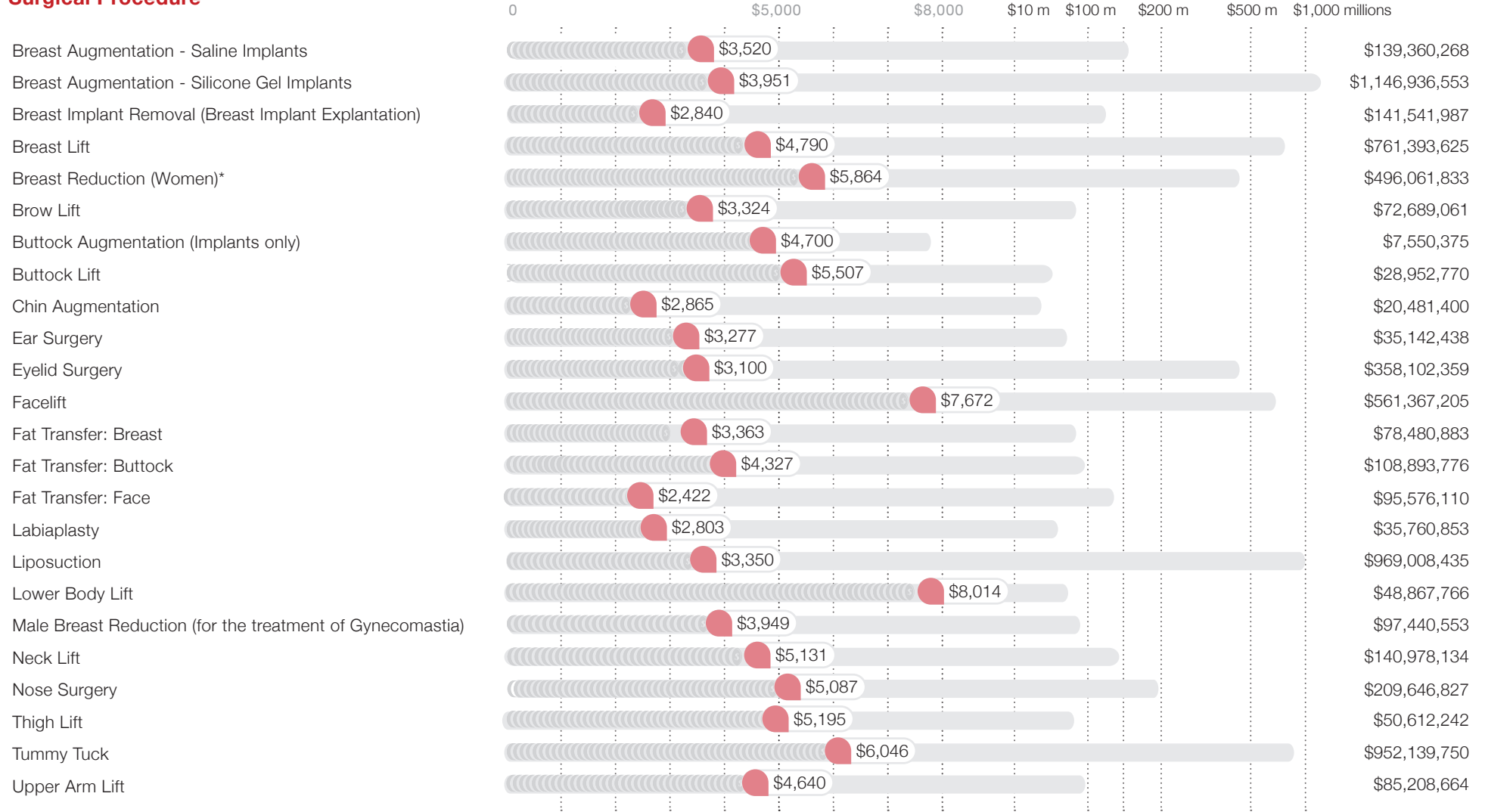
2018 National Average for Physician/Surgeon Fees Per Procedure - Surgical



Surgical Procedure

National Average

Total Expenditures



Totals - Surgical Procedures

\$6,642,193,866

*Breast reduction may be covered by insurance, depending on terms of the policy and individual patient factors.

Source: American Society for Aesthetic Plastic Surgery

Please credit the American Society for Aesthetic Plastic Surgery when citing statistical data.
 Contact: The Aesthetic Society • 562.799.2356 • media@surgery.org • www.surgery.org • fax: 562.799.1098

2018 National Average for Physician/Surgeon Fees Per Procedure - Nonsurgical



| Nonsurgical Procedure | National Average | Total Expenditures |
|--|------------------|------------------------|
| Injectables: | | |
| Botulinum Toxin (including Botox, Dysport, Xeomin) | \$311 | \$560,751,512 |
| Calcium Hydroxylapatite (Radiesse) | \$727 | \$23,128,674 |
| Hyaluronic Acid (incl. Juvederm Ultra, Ultra Plus, Voluma, Perlane, Restylane, Belotero) | \$671 | \$544,019,712 |
| Poly-L-Lactic Acid (Sculptra) | \$985 | \$27,609,572 |
| Totals - Injectables | | \$1,155,509,471 |
| Facial Rejuvenation: | | |
| Chemical Peel | \$693 | \$89,750,698 |
| Full Field Ablative (laser skin resurfacing) | \$2,601 | \$98,426,420 |
| Micro-Ablative Resurfacing (fractional resurfacing) | \$1,016 | \$39,166,292 |
| Photorejuvenation (IPL) | \$413 | \$56,005,993 |
| Totals - Facial Rejuvenation | | \$283,349,402 |
| Other: | | |
| Hair Removal (laser or pulsed light) | \$238 | \$28,254,611 |
| Nonsurgical Fat Reduction (incl. CoolSculpting, Vaser Shape, Liposonix) | \$1,559 | \$271,710,461 |
| Sclerotherapy | \$375 | \$3,865,154 |
| Totals - Other Nonsurgical Procedures | | \$303,830,225 |
| Totals - Nonsurgical Procedures | | \$1,742,689,098 |

- Figures are for physician/surgeon fees only and do not include fees for the surgical facility, anesthesia, medical tests, prescriptions, surgical garments, or other miscellaneous costs related to surgery. Figures for procedures often performed on more than one site in the same session reflect typical fees for one site.
- Component figures may not add exactly to totals and percentages may not equal 100% due to rounding.

Source: American Society for Aesthetic Plastic Surgery

Americans Spent Nearly

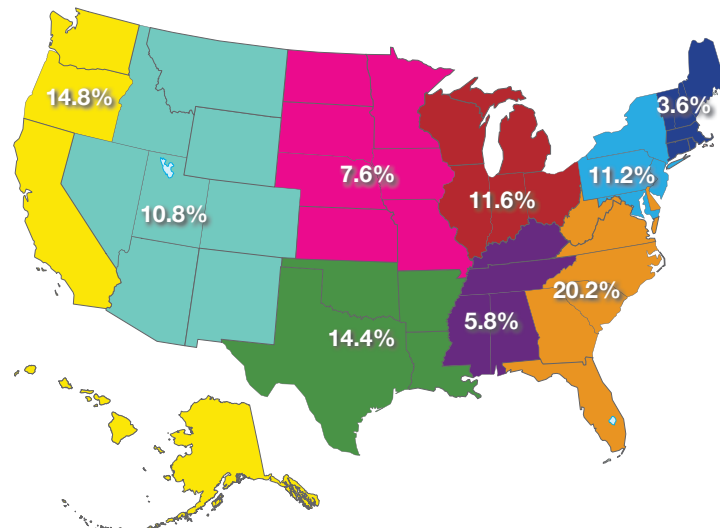
\$8.4 Billion

on **Procedures** in 2018.

- \$6.6** Surgical Procedures (79.2%)
- \$1.2** Injectable Procedures (13.8%)
- \$.3** Other Nonsurgical Procedures (3.6%)
- \$.28** Skin Rejuvenation Procedures (3.4%)

● \$ in billions

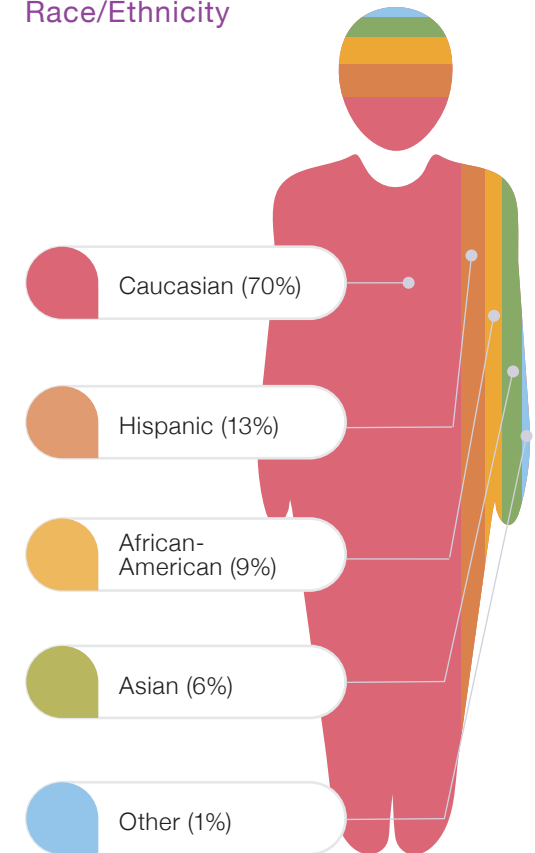
Source: American Society for Aesthetic Plastic Surgery



| Practice Locations by Region | % |
|---|-------|
| New England (CT, ME, MA, NH, RI, VT) | 3.6% |
| Middle Atlantic (MD, NJ, NY, PA, DC) | 11.2% |
| South Atlantic (DE, FL, GA, NC, SC, VA, WV) | 20.2% |
| East North Central (IL, IN, MI, OH, WI) | 11.6% |
| East South Central (AL, KY, MS, TN) | 5.8% |
| West North Central (IA, KS, MN, MO, NE, ND, SD) | 7.6% |
| West South Central (AR, LA, OK, TX) | 14.4% |
| Mountain (AZ, CO, ID, MT, NV, NM, UT, WY) | 10.8% |
| Pacific (AK, CA, HI, OR, WA) | 14.8% |

Source: American Society for Aesthetic Plastic Surgery

Percent of Total Procedures According to Race/Ethnicity



Source: American Society for Aesthetic Plastic Surgery

| Surgical Procedures | Best Candidate | Physician/Surgeon Fees* | Length of Procedure | Number of Treatments | Back to Work |
|---|--|-------------------------------|----------------------|----------------------|----------------|
| Breast Augmentation (saline) Breast Augmentation (silicone) Breast Implant Removal (Explantation) | Small breasts, breast asymmetry | \$3,520 \$3,951 \$2,840 | 1-2 hours | One | 1-2 weeks |
| Breast Lift | Sagging, poorly shaped breasts | \$4,790 | 1 1/2-3 1/2 hours | One | 1-2 weeks |
| Breast Reduction | Large, heavy, pendulous, or disproportionate breasts | \$5,864 | 2-4 hours | One | 1-2 weeks |
| Brow Lift | Sagging, low eyebrows, forehead creases, frown lines | \$3,324 | 1-2 hours | One | Within 10 days |
| Buttock Augmentation (implants only) | Weight loss or minimal volume buttock | \$4,700 | 1-2 hours | One | 1 week |
| Buttock Augmentation (fat transfer only) | Weight loss or minimal volume buttock | \$4,327 | 1-2 hours | Varies | 1 week |
| Buttock Lift | Sagging skin, excess fat, weakened muscles in thigh/buttocks area | \$5,507 | 2 hours | One | 2-4 weeks |
| Chin Augmentation/Genioplasty | Receding chin | \$2,865 | 1 hour | One | 1-2 weeks |
| Ear Surgery | Protruding or disproportionate ears | \$3,277 | 2-3 hours | One | 5-14 days |
| Eyelid Surgery | Excess fat, wrinkled or drooping skin, upper eyelids, bags, puffiness under eyes | \$3,100 | 1-3 hours | One | Within 10 days |
| Facelift | Loose skin, deep lines, wrinkles, jowls | \$7,672 | 2-3 hours | One | Within 2 weeks |
| Fat Transfer - Breast | Lack of volume | \$3,363 | 2-4 hours | Two + | 2-3 days |
| Fat Transfer - Face | Lack of volume | \$2,422 | 1-1 1/2 hours | One + | 2 weeks |
| Labiaplasty | Enlarged labia minora, often asymmetric, often protrudes beyond the labia majora | \$2,803 | 1 hour | One | 1 week |
| Liposuction (various techniques) | Normal weight with isolated fatty areas | \$3,350 | 45 minutes - 2 hours | One | 1-2 weeks |
| Lower Body Lift | Laxity of thighs, buttock, and abdomen | \$8,014 | Up to 8 hours | One | Up to 4 weeks |
| Male Breast Reduction | Gynecomastia | \$3,949 | 2 hours | One | 1 week |
| Neck Lift | Loose, sagging, excess skin | \$5,131 | 2-3 hours | One | Within 2 weeks |
| Nose Surgery | Nose too large, wide, or tip needs reshaping, deformity after trauma | \$5,087 | 1-2 hours | One | 7-10 days |
| Thigh Lift | Loose, excess skin | \$5,195 | 2 hours | One | 2-4 weeks |
| Tummy Tuck | Protruding abdomen, excess fat and skin, weak abdominal muscles | \$6,046 | 2-5 hours | One | 2-4 weeks |
| Upper Arm Lift | Excess skin and fat on underside of arm | \$4,640 | 2 hours | One | 1-2 weeks |

* National average; surgeon fees are based on our 2018 Statistics. Fees vary considerably by geographic region. Facility fees, anesthesia and other surgical costs not included.

Source: American Society for Aesthetic Plastic Surgery

| Nonsurgical Procedures | Best Candidate | Physician/Surgeon Fees* | Length of Procedure | Number of Treatments | Back to Work |
|---|--|-------------------------|---|--|-------------------------------|
| Botulinum Toxin (Botox, Dysport, Xeomin) | Frown lines, crow's feet | \$311 | 30 minutes | Repeat treatments 4-6 months (onset of actions in 1-5 days) | No downtime |
| Calcium Hydroxylapatite (Radiesse) | Nasolabial folds, frown lines, crow's feet, lips | \$727 | Less than 1 hour | Repeat treatments 2 years or longer | No downtime |
| Chemical Peel (ranges from light to deep) | Sun-damaged, unevenly pigmented skin | \$693 | 1/2 hour - 3 hours Depends on type of peel | One or multiple Depends on type of peel | Depends on type of peel |
| Full Field Ablative (laser skin resurfacing) | Fair, non-oily skin, sun-damaged facial skin, wrinkles around mouth and eyes, acne scars | \$2,601 | Variable, up to 1 1/2 hours | One or multiple depending on laser and skin condition | Variable, up to 14 days |
| Hyaluronic Acid (including Juvederm Ultra, Ultra Plus, Voluma, Perlane, Restylane, Belotero) | Nasolabial folds, forehead wrinkles, smile lines, and lips | \$671 | Less than 1 hour | Repeat treatments 4 months – 1 year | No downtime |
| Laser Hair Removal | Unwanted hair on face or body | \$238 | 1-2 hours Depends on area | Multiple sessions | No downtime |
| Micro-Ablative Resurfacing (fractional resurfacing) | Actinic changes, lines, acne scars, pigment, superficial lines | \$1,016 | 30 minutes - 1 hour | 1-6 depending | 1-10 days depending |
| Nonsurgical Fat Reduction (including CoolSculpting, Vaser Shape, Liposonix) | Diet-resistant fat, mild lipodystrophy | \$1,559 | 1-3 hours | 1-6 | No downtime, minimal soreness |
| Photorejuvenation (IPL) | Pigment, superficial lines | \$413 | 10-30 minutes | 3-5 | No downtime |
| Poly-L-Lactic Acid (Sculptra) | Cheeks, temple, jawline, volume loss, fat in face | \$985 | Less than 1 hour | 2-4 | Minimal downtime |
| Sclerotherapy | Spider veins | \$375 | 30 minutes - 1 hour | 3-4 Treatments Injections | No downtime |

* National average; surgeon fees are based on our 2018 Statistics. Fees vary considerably by geographic region. Facility fees, anesthesia and other surgical costs not included.

Source: American Society for Aesthetic Plastic Surgery

- The American Society for Aesthetic Plastic Surgery (The Aesthetic Society)
- Founded in 1967
- Primary mission: education and research in cosmetic plastic surgery
- Over 2,600 members, mostly in the U.S. and Canada
- International members in 50 countries
- U.S. members are plastic surgeons certified by the American Board of Plastic Surgery (in Canada, by the Royal College of Physicians and Surgeons of Canada) and specializing in cosmetic (aesthetic) surgery of the face and body
- Accredited sponsor of Continuing Medical Education (CME) for qualified plastic surgeons since 1974
- Sponsor of the Cosmetic (Aesthetic) Surgery National Data Bank since 1997
- Peer-reviewed publication: [Aesthetic Surgery Journal](#), the world's most widely read clinical journal of cosmetic surgery
- Members must perform all surgical procedures in an accredited facility
- All members, due to their extensive training in anatomy of the face and body, are uniquely qualified to perform both surgical and non-invasive procedures
- The Aesthetic Meeting has long been considered the premier educational event for board-certified plastic surgeons. Its attendance is restricted to this physician group

WE ARE
AESTHETICS.



The Aesthetic Society has a number of websites devoted to consumers, (to help them make informed decisions), physicians and media.

For Consumers:

www.smartbeautyguide.com

(Procedural info, physician Q&As, blogs, surgeon locator and more)

For Physicians and Media:

www.surgery.org

(For annual statistics, press releases and news)

www.aestheticsurgeryjournal.com

(The clinical journal of the American Society for Aesthetic Plastic Surgery)

www.asjopenforum.com

(The Open Access peer-reviewed international journal of the American Society for Aesthetic Plastic Surgery)

Social:

Follow ASAPS on Twitter: www.twitter.com/ASAPS

Become a fan of ASAPS on Facebook: www.facebook.com/AestheticSociety

Check us out on Instagram: www.instagram.com/theaestheticsocietyasaps/

Join Smart Beauty Guide: www.smartbeautyguide.com

Locate a plastic surgeon in your area: www.smartbeautyguide.com/select-surgeon



The American Society for Aesthetic Plastic Surgery

The Aesthetic Society
11262 Monarch Street
Garden Grove, CA 92841

Phone: 562.799.2356

Fax: 562.799.1098

media@surgery.org

WE ARE
AESTHETICS.