

ASPS National Clearinghouse of Plastic Surgery Procedural Statistics

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2013 Plastic Surgery Statistics

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 – 1992-2013. ASPS is the largest organization of board-certified plastic surgeons in the world. With more than 7,000 members, the Society is recognized as a leading authority and information source on cosmetic and reconstructive plastic surgery. ASPS comprises more than 94 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 to find ASPS Member Surgeons in their area or learn more about cosmetic and reconstructive plastic surgery, like us on Facebook.com/ PlasticSurgeryASPS and follow us at 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.



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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 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 23,700 ABMS board-certified physicians (An online and faxed version of the questionnaire were made available. A total of 801 active physicians returned questionnaires, consisting of 479 plastic surgeons, 221 dermatologists, and 101 Otolaryngologists. Overall, 1160 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 SurgeonsSM (TOPSSM).

All responses are aggregated and extrapolated to the entire population of more than 24,500 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 ±3.41 percent margin of error.



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2013 Quick Facts

Cosmetic and Reconstructive Plastic Surgery Trends

Percentage change 2013 vs. 2012

15.1 million cosmetic procedures 13%

- 1.6 million cosmetic surgical procedures 1%
- 13.4 million cosmetic minimally-invasive procedures 13%
- 5.7 million reconstructive procedures 12%

2013 Top 5 Cosmetic Surgical Procedures

| | 2013 vs. 2012 |
|-------------------------------|---------------|
| Breast augmentation (290,000) | 1% |
| Nose reshaping (221,000) | ♥ 9% |
| Eyelid surgery (216,000) | 16% |
| Liposuction (200,000) | ↓ 1% |
| Facelift (133,000) | 1 6% |
| | |

Breast augmentation continues to be the top cosmetic surgical procedure and has been since 2006. Silicone implants were used in 72%, and saline implants in 28%, of all breast augmentations in 2013.

Cosmetic surgical procedures, not among the Top 5, with notable gains in 2013 include:

- Male breast reduction (gynecomastia) up 11%
- Tummy Tuck up 5%
- Neck lift up 6%

2013 Top 5 Cosmetic Minimally-Invasive Procedures

| | 201 |
|--------------------------------------|-----|
| Botulinum toxin type A (6.3 million) | |
| Soft tissue fillers (2.2 million) | |
| Chemical peel (1.2 million) | |
| Laser hair removal (1.1 million) | |
| Microdermabrasion (974,000) | |
| | |

13 vs. 2012

1 3%

13%3%

↓ 4%

no change

Facial rejuvenation procedures experienced the most growth, as 2013 marked the highest number of botulinum toxin type A injections to date, with 6.3 million injections!

2013 Top 5 Reconstructive Procedures

| | 2013 vs. 2012 |
|---------------------------------|---------------|
| Tumor removal (4.4 million) | 15% |
| Laceration repair (254,000) | ↓ 13% |
| Maxillofacial surgery (199,000) | ➡ 5% |
| Scar revision (177,000) | 14% |
| Hand surgery (131,000) | 1 6% |

Tumor removal is overwhelming the top reconstructive procedure performed every year with more than 4.4 million procedures in 2013!



2013

Plastic Surgery Statistics Report

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2013 Quick Facts *Cosmetic Plastic Surgery Demographic Trends*

| Age | | | | | | |
|---|--------------------------|--|--|--|--|--|
| 13-19 year olds | 2013 vs. 2012 | | | | | |
| Make up the least number of cosmetic procedures – only 2% of the total. Some of the most common procedures for teens were: nose reshaping, male breast reduction, ear surgery, laser hair removal and laser skin resurfacing. | | | | | | |
| 220,000 total cosmetic procedures | ↓ 3% | | | | | |
| 64,000 surgical | ➡ 5% | | | | | |
| 156,000 minimally-invasive | ♥ 3% | | | | | |
| 20-29 year olds | 2013 vs. 2012 | | | | | |
| 802,000 total cosmetic procedures | ➡ 1% | | | | | |
| 245,000 surgical | ➡ 1% | | | | | |
| 557,000 minimally-invasive | ↓ 1% | | | | | |
| 30-39 year olds | 2013 vs. 2012 | | | | | |
| 2.6 million total cosmetic procedures | 1 2% | | | | | |
| 350,000 surgical | no change | | | | | |
| 2.2 million minimally-invasive | 1 2% | | | | | |
| 40-54 year olds | 2013 vs. 2012 | | | | | |
| Make up the majority of cosmetic procedu | ures – 49% of the total. | | | | | |
| 7 million total cosmetic procedures | 1 3% | | | | | |
| 527,000 surgical | 1 2% | | | | | |
| 6.5 million minimally-invasive | 1 3% | | | | | |
| 55 and over | 2013 vs. 2012 | | | | | |
| 3.8 million total cosmetic procedures | 1 4% | | | | | |
| 375,000 surgical | 1 3% | | | | | |
| 3.4 million minimally-invasive | 1 4% | | | | | |
| | | | | | | |

| Gender | |
|---|---------------|
| Female | 2013 vs. 2012 |
| 91% of all cosmetic procedures | |
| 13.1 million total cosmetic procedures | 1% |
| 1.4 million surgical | 1% |
| 11.8 million minimally-invasive | 1 3% |
| | |
| Male | 2013 vs. 2012 |
| 9% of all cosmetic procedures | |
| 1.2 million total cosmetic procedures | no change |
| 204,000 surgical | no change |
| 1 million minimally-invasive | no change |
| Ethnic | |
| | 2013 vs. 2012 |
| | |

| | 2013 vs. 2012 |
|--|-------------------------------------|
| Caucasians (10.5 million) | |
| Hispanics (1.7 million) African Americans (1.2 million) | ■ 0%1 5% |
| Asian Americans (988,000) | 1% |

Did you know...

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- Business from repeat patients increased 4%
- \$12.6 billion was spent on cosmetic procedures in the U.S., up 15%
- Office-based cosmetic procedures are up 4%
- Region with the most cosmetic procedures performed in the U.S. is Mountain/Pacific 4.3 million procedures

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2013 Cosmetic Plastic Surgery Statistics

Cosmetic Procedure Trends

Top 5 procedures appear in bold.

| COSMETIC SURGICAL PROCEDURES | 2013 | 2012 | 2000 | % CHANGE 2013 vs. 2012 | % CHANGE 2013 vs. 2000 |
|--|-----------|-----------|-----------|---------------------------|---------------------------|
| Breast augmentation (augmentation mammaplasty)** | 290,224 | 286,274 | 212,500 | 1% | 37% |
| Breast implant removals (augmentation patients only) | 23,770 | 21,609 | 40,787 | 10% | -42% |
| Breast lift (mastopexy) | 90,006 | 89,067 | 52,836 | 1% | 70% |
| Breast reduction (aesthetic patients only) | 41,164 | 42,022 | * | -2% | * |
| Breast reduction in men (gynecomastia) | 22,939 | 20,723 | 20,351 | 11% | 13% |
| Buttock augmentation with fat grafting | 9,993 | 8,654 | * | 16% | * |
| Buttock implants | 942 | 858 | * | 1% | * |
| Buttock lift | 2,438 | 2,898 | 1,356 | -16% | 80% |
| Calf augmentation | 571 | 436 | * | 31% | * |
| Cheek implant (malar augmentation) | 12,004 | 12,698 | 10,427 | -5% | 15% |
| Chin augmentation (mentoplasty) | 19,108 | 18,645 | 26,924 | 2% | -29% |
| Dermabrasion | 74,721 | 72,805 | 42,218 | 3% | 77% |
| Ear surgery (otoplasty) | 24,111 | 25,730 | 36,295 | -6% | -34% |
| Eyelid surgery (blepharoplasty) | 215,641 | 204,015 | 327,514 | 6% | -34% |
| Facelift (rhytidectomy) | 133,320 | 126,320 | 133,856 | 6% | 0% |
| Forehead lift | 46,323 | 44,722 | 120,971 | 4% | -62% |
| Hair transplantation | 15,076 | 16,377 | 44,694 | -8% | -66% |
| Lip augmentation (other than injectable materials) | 25,156 | 25,144 | 18,589 | 0% | 35% |
| Lip reduction | 610 | 893 | * | -32% | * |
| Liposuction | 199,817 | 202,128 | 354,015 | -1% | -44% |
| Lower body lift | 7,281 | 7,163 | 207 | 2% | 3,417% |
| Neck lift | 55,346 | 52,189 | * | 6% | * |
| Nose reshaping (rhinoplasty) | 221,053 | 242,684 | 389,155 | -9% | -43% |
| Pectoral implants | 342 | 336 | * | 2% | * |
| Thigh lift | 8,709 | 8,894 | 5,303 | -2% | 64% |
| Tummy tuck (abdominoplasty) | 111,986 | 106,628 | 62,713 | 5% | 79% |
| Upper arm lift | 15,769 | 15,457 | 338 | 2% | 4,565% |
| TOTAL COSMETIC SURGICAL PROCEDURES | 1,668,420 | 1,655,360 | 1,901,049 | 1% | -12% |

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| COSMETIC MINIMALLY-INVASIVE PROCEDURES | 2013 | 2012 | 2000 | % CHANGE 2013 vs. 2012 | % CHANGE 2013 vs. 2000 |
|--|------------|------------|-----------|---------------------------|---------------------------|
| Botulinum toxin type A (Botox [®] , Dysport [®])*** | 6,321,160 | 6,134,621 | 786,911 | 3% | 703% |
| Cellulite treatment (e.g., Velosmooth®, Endermology) | 29,318 | 33,123 | 23,952 | -11% | 22% |
| Chemical peel | 1,163,333 | 1,133,821 | 1,149,457 | 3% | 1% |
| Intense pulsed light (IPL) treatment | 602,659 | 553,293 | * | 9% | * |
| Laser hair removal | 1,077,158 | 1,118,254 | 735,996 | -4% | 46% |
| Laser skin resurfacing | 511,795 | 509,055 | 170,951 | 1% | 199% |
| Ablative | 146,199 | 147,271 | * | -1% | * |
| Non-ablative (e.g., Fraxel®) | 365,596 | 361,784 | * | 1% | * |
| Laser treatment of leg veins | 208,069 | 232,108 | 245,424 | -10% | -15% |
| Microdermabrasion | 970,343 | 973,556 | 868,315 | 0% | 12% |
| Sclerotherapy | 321,477 | 358,152 | 866,555 | -10% | -63% |
| Soft tissue fillers | 2,242,621 | 1,988,767 | 652,885 | 13% | 243% |
| Calcium hydroxylapatite (e.g., Radiesse®) | 284,488 | 277,346 | * | 3% | * |
| Collagen | 60,565 | 67,777 | 587,615 | -11% | -90% |
| Porcine/bovine-based (e.g., Evolence®, Zyderm®, Zyplast®) | 14,465 | 16,317 | * | -11% | * |
| Human-based (e.g., Cosmoderm [®] , Cosmoplast [®] , Cymetra [®]) | 46,100 | 51,460 | * | -10% | * |
| Fat | 66,223 | 63,128 | 65,270 | 5% | 1% |
| Hyaluronic acid (e.g., Juvederm Ultra®, Juvederm Ultra Plus®, Perlane®, Restylane®, Prevelle Silk®) | 1,675,601 | 1,423,136 | * | 18% | * |
| Polylactic acid (Sculptra®) | 138,427 | 139,038 | * | 0% | * |
| Polymethyl-methacrylate microspheres (Artefill®) | 17,317 | 18,342 | * | -6% | * |
| TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES | 13,447,933 | 13,034,750 | 5,500,446 | 3% | 144% |
| TOTAL COSMETIC PROCEDURES | 15,116,353 | 14,690,110 | 7,401,495 | 3% | 104% |

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2013 Top Five Cosmetic Plastic Surgery Procedures

Cosmetic Procedure Charts

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2013 TOP FIVE COSMETIC MINIMALLY-INVASIVE PROCEDURES Botulinum Toxin Type A 1 3% from 2012 6.3 million Soft Tissue Fillers 13% from 2012 2.2 million Chemical Peel 1 3% from 2012 1.2 million Laser Hair Removal **↓** -4% from 2012 1.1 million Microdermabrasion No change 970,000

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2013 Reconstructive Plastic Surgery Statistics

Reconstructive Procedure Trends



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All figures are projected. * Data unavailable in prior year. * Data unavailable in prior year. ****Counts of procedures performed by ASPS member surgeons only. ^ \n 2000 figure included facial laceration repair. ^ \n 2000 figure did not include facial laceration repair. ^ \n 10 the number of procedures in 2012 has been restated due to a modeling change.

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| RECONSTRUCTIVE PROCEDURES | 2013 | 2012 | 2000 | % CHANGE 2013 vs. 2012 | % CHANGE 2013 vs. 2000 |
|--|-----------|-----------|---------|---------------------------|---------------------------|
| Dog bite repair^ | 26,935 | 27,752 | 43,089 | -3% | -37% |
| Birth defect (congenital deformities) | 30,257 | 27,626 | 40,076 | 10% | -25% |
| Breast implant removals (reconstructive patients only)**** | 18,223 | 16,596 | 16,287 | 10% | 12% |
| Breast reconstruction**** | 95,589 | 91,655 | 78,832 | 4% | 21% |
| Breast reduction (reconstructive patients only) | 62,611 | 68,416 | * | -8% | * |
| Burn care^^^^ | 16,113 | 16,989 | * | -5% | * |
| Hand surgery (excluding microsurgical) | 131,282 | 123,377 | * | 6% | * |
| Head and neck reconstruction**** | 26,481 | 27,161 | * | -3% | * |
| Hernia repair**** | 9,458 | 8,949 | * | 6% | * |
| Laceration repair (other than facial)^^ | 253,660 | 291,244 | 358,666 | -13% | -29% |
| Lower extremity reconstruction (including microsurgical)**** | 17,026 | 16,603 | * | 3% | * |
| Maxillofacial surgery^^^ | 198,531 | 209,464 | 79,331 | -5% | 150% |
| Pelvic floor reconstruction**** | 1,220 | 873 | * | 40% | * |
| Scar revision | 177,317 | 171,129 | 221,858 | 4% | -20% |
| Tumor removal (including skin cancer) | 4,426,634 | 4,211,134 | * | 5% | * |
| Other reconstructive procedures | 242,783 | 300,106 | 376,270 | -19% | -35% |
| TOTAL RECONSTRUCTIVE PROCEDURES | 5,734,120 | 5,612,549 | * | 2% | * |

Top 5 procedures appear in bold.

2013 TOP FIVE RECONSTRUCTIVE PROCEDURES Tumor Removal **†** 5 % from 2012 4.4 million Laceration Repair **↓** -13% from 2012 254,000 Maxillofacial Surgery 🖊 -5% from 2012 199,000 Scar Revision 1 4 % from 2012 177,000 Hand Surgery 12 6 % from 2012 131,000

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2012 Cosmetic Surgery Gender Distribution



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| COSMETIC SURGICAL PROCEDURES | 2013 TOTAL PROCEDURES | 2013 TOTAL FEMALE | % OF TOTAL PROCEDURES | % CHANGE 2013 vs. 2012 | % CHANGE 2013 vs. 2000 |
|--|--------------------------|----------------------|--------------------------|---------------------------|---------------------------|
| Breast augmentation (augmentation mammaplasty) | 290,224 | 290,224 | 100% | 1% | 37% |
| Breast implant removals (augmentation patients only) | 23,770 | 23,770 | 100% | 10% | -42% |
| Breast lift (mastopexy) | 90,006 | 90,006 | 100% | 1% | 70% |
| Breast reduction in men (gynecomastia) | 22,939 | 0 | 0% | - | - |
| Buttock implants | 942 | 817 | 87% | 10% | * |
| Buttock lift | 2,438 | 2,254 | 92% | -16% | 72% |
| Calf augmentation | 571 | 253 | 44% | 30% | * |
| Cheek implant (malar augmentation) | 12,004 | 8,818 | 73% | -4% | 1% |
| Chin augmentation (mentoplasty) | 19,108 | 9,345 | 49% | 5% | -48% |
| Dermabrasion | 74,721 | 64,498 | 86% | 3% | 131% |
| Ear surgery (otoplasty) | 24,111 | 13,990 | 58% | -8% | -27% |
| Eyelid surgery (blepharoplasty) | 215,641 | 185,243 | 86% | 6% | -31% |
| Facelift (rhytidectomy) | 133,320 | 120,621 | 90% | 5% | 2% |
| Forehead lift | 46,323 | 41,239 | 89% | 4% | -62% |
| Hair transplantation | 15,076 | 4,401 | 29% | -12% | 8% |
| Lip augmentation (other than injectable materials) | 25,156 | 24,063 | 96% | 0% | 31% |
| Liposuction | 199,817 | 176,259 | 88% | -2% | -42% |
| Lower body lift | 7,281 | 6,637 | 91% | 2% | * |
| Nose reshaping (rhinoplasty) | 221,053 | 163,662 | 74% | -10% | -32% |
| Pectoral implants | 342 | 0 | 0% | - | - |
| Thigh lift | 8,709 | 8,268 | 95% | -2% | 63% |
| Tummy tuck (abdominoplasty) | 111,986 | 107,462 | 96% | 5% | 78% |
| Upper arm lift | 15,769 | 15,445 | 98% | 2% | 4470% |
| TOTAL COSMETIC SURGICAL PROCEDURES | 1,561,307 | 1,357,275 | 87% | 1% | -10% |

| COSMETIC MINIMALLY-INVASIVE PROCEDURES | 2013 TOTAL PROCEDURES | 2013 TOTAL FEMALE | % OF TOTAL PROCEDURES | % CHANGE 2013 vs. 2012 | % CHANGE 2013 vs. 2000 |
|---|--------------------------|----------------------|--------------------------|---------------------------|---------------------------|
| Botulinum toxin type A (Botox [®] , Dysport [®])*** | 6,321,160 | 5,935,802 | 94% | 3% | 757% |
| Cellulite treatment (e.g., Velosmooth®, Endermology) | 29,318 | 25,159 | 86% | -11% | 5% |
| Chemical peel | 1,163,333 | 1,068,708 | 92% | 2% | 13% |
| Laser hair removal | 1,077,158 | 886,612 | 82% | -4% | 47% |
| Laser skin resurfacing | 511,795 | 447,920 | 88% | 0% | 200% |
| Laser treatment of leg veins | 208,069 | 180,158 | 87% | -10% | -20% |
| Microdermabrasion | 970,343 | 791,933 | 82% | 0% | 1% |
| Sclerotherapy | 321,477 | 316,715 | 99% | -10% | -62% |
| Soft tissue fillers | 2,225,304 | 2,129,943 | 96% | 13% | 253% |
| Calcium hydroxylapatite (e.g., Radiesse®) | 284,488 | 265,606 | 93% | 3% | * |
| Collagen | 60,565 | 57,634 | 95% | -11% | -89% |
| Fat | 66,223 | 61,952 | 94% | 5% | 1% |
| Hyaluronic acid (e.g., Juvederm Ultra [®] , Juvederm Ultra Plus [®] , Perlane [®] , Restylane [®] , Prevelle Silk [®]) | 1,675,601 | 1,628,231 | 97% | 18% | * |
| Polylactic acid (Sculptra®) | 138,427 | 116,520 | 84% | -1% | * |
| TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES | 12,827,957 | 11,782,950 | 92% | 3% | 142% |
| | | | | | |
| TOTAL COSMETIC PROCEDURES | 14,389,264 | 13,140,225 | 91% | 1% | 106% |

2013 Cosmetic Surgery Gender Distribution Charts *Female*

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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. ®ASPS, 2014





2013 Cosmetic Surgery Gender Distribution Male



2013 Plastic Surgery Statistics Report

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All figures are projected. * Data unavailable in prior year. ***Botulinum toxin type A numbers are of anatomic sites injected.

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| COSMETIC SURGICAL PROCEDURES | 2013 TOTAL PROCEDURES | 2013 TOTAL MALE | % OF TOTAL PROCEDURES | % CHANGE 2013 vs. 2012 | % CHANGE 2013 vs. 2000 |
|--|--------------------------|--------------------|--------------------------|---------------------------|---------------------------|
| Breast augmentation (augmentation mammaplasty) | 290,224 | 0 | 0% | - | - |
| Breast implant removals (augmentation patients only) | 23,770 | 0 | 0% | - | - |
| Breast lift (mastopexy) | 90,006 | 0 | 0% | - | - |
| Breast reduction in men (gynecomastia) | 22,939 | 22,939 | 100% | 11% | 13% |
| Buttock implants | 942 | 125 | 13% | 12% | * |
| Buttock lift | 2,438 | 184 | 8% | -15% | 283% |
| Calf augmentation | 571 | 318 | 56% | 32% | * |
| Cheek implant (malar augmentation) | 12,004 | 3,186 | 27% | -8% | 91% |
| Chin augmentation (mentoplasty) | 19,108 | 9,763 | 51% | 1% | 7% |
| Dermabrasion | 74,721 | 10,223 | 14% | 3% | -29% |
| Ear surgery (otoplasty) | 24,111 | 10,121 | 42% | -3% | -41% |
| Eyelid surgery (blepharoplasty) | 215,641 | 30,398 | 14% | 5% | -47% |
| Facelift (rhytidectomy) | 133,320 | 12,699 | 10% | 7% | -16% |
| Forehead lift | 46,323 | 5,084 | 11% | 3% | -61% |
| Hair transplantation | 15,076 | 10,675 | 71% | -6% | -74% |
| Lip augmentation (other than injectable materials) | 25,156 | 1,093 | 4% | -2% | 371% |
| Liposuction | 199,817 | 23,558 | 12% | 3% | -55% |
| Lower body lift | 7,281 | 644 | 9% | 0% | 211% |
| Nose reshaping (rhinoplasty) | 221,053 | 57,391 | 26% | -7% | -62% |
| Pectoral implants | 342 | 342 | 100% | 2% | * |
| Thigh lift | 8,709 | 441 | 5% | -3% | 100% |
| Tummy tuck (abdominoplasty) | 111,986 | 4,524 | 4% | 4% | 97% |
| Upper arm lift | 15,769 | 324 | 2% | 1% | * |
| TOTAL COSMETIC SURGICAL PROCEDURES | 1,561,307 | 204,032 | 13% | 0% | -48% |

| COSMETIC MINIMALLY-INVASIVE PROCEDURES | 2013 TOTAL PROCEDURES | 2013 TOTAL MALE | % OF TOTAL PROCEDURES | % CHANGE 2013 vs. 2012 | % CHANGE 2013 vs. 2000 |
|---|--------------------------|--------------------|--------------------------|---------------------------|---------------------------|
| Botulinum toxin type A (Botox®, Dysport®)*** | 6,321,160 | 385,358 | 6% | -1% | 310% |
| Cellulite treatment (e.g., Velosmooth®, Endermology) | 29,318 | 4,159 | 14% | -13% | * |
| Chemical peel | 1,163,333 | 94,625 | 8% | 5% | -53% |
| Laser hair removal | 1,077,158 | 190,546 | 18% | -2% | 43% |
| Laser skin resurfacing | 511,795 | 63,875 | 12% | 2% | 196% |
| Laser treatment of leg veins | 208,069 | 27,911 | 13% | -9% | 33% |
| Microdermabrasion | 970,343 | 178,410 | 18% | -2% | 107% |
| Sclerotherapy | 321,477 | 4,762 | 1% | -8% | -82% |
| Soft tissue fillers | 2,225,304 | 95,361 | 4% | 8% | 90% |
| Calcium hydroxylapatite (e.g., Radiesse®) | 284,488 | 18,882 | 7% | 4% | * |
| Collagen | 60,565 | 2,931 | 5% | -13% | -94% |
| Fat | 66,223 | 4,271 | 6% | 6% | 9% |
| Hyaluronic acid (e.g., Juvederm Ultra®, Juvederm Ultra Plus®, | | | | | |
| Perlane®, | 1,675,601 | 47,370 | 3% | 13% | * |
| Restylane [®] , Prevelle Silk [®]) Polylactic acid (Sculptra [®]) | 138.427 | 21,907 | 16% | 4% | * |
| | 130,427 | 21,907 | 10% | 4 70 | |
| TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES | 12,827,957 | 1,045,007 | 8% | 0% | 65% |
| TOTAL COSMETIC PROCEDURES | 14,389,264 | 1,249,039 | 9% | 0% | 22% |

2013 Cosmetic Surgery Gender Distribution Charts Male



2013 Plastic Surgery Statistics Report

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2013 TOP FIVE MALE COSMETIC MINIMALLY-INVASIVE PROCEDURES



2013 Cosmetic Surgery Age Distribution *Age 13-19*



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All values are projected. ^Total represents only 18 and 19 years olds. ^^The number of procedures in 2012 has been restated due to a modelling change. ***Botulinum toxin type A numbers are of anatomic sites injected.

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| COSMETIC SURGICAL PROCEDURES | AGE 13-19 2013 TOTAL | AGE 13-19 % OF TOTAL PROCEDURES | AGE 13-19 % CHANGE 2013 vs 2012 |
|---|-------------------------|------------------------------------|------------------------------------|
| Breast augmentation (augmentation mammaplasty)^ | 8,234 | 3% | 0% |
| Breast implant removals (augmentation patients only)^ | 84 | 0% | 11% |
| Breast lift (mastopexy) | 1,608 | 2% | 1% |
| Breast reduction in men (gynecomastia)^^ | 5,866 | 26% | 0% |
| Chin augmentation (mentoplasty) | 1,615 | 8% | 1% |
| Dermabrasion | 3,260 | 4% | 3% |
| Ear surgery (otoplasty) | 6,871 | 28% | -7% |
| Eyelid surgery (blepharoplasty) | 2,015 | 1% | 5% |
| Lip augmentation (other than injectable materials) | 243 | 1% | 0% |
| Liposuction | 3,155 | 2% | -1% |
| Nose reshaping (rhinoplasty) | 30,672 | 14% | -9% |
| TOTAL COSMETIC SURGICAL PROCEDURES | 63,623 | 4% | -5% |

| COSMETIC MINIMALLY-INVASIVE PROCEDURES | AGE 13-19 2013 TOTAL | AGE 13-19 % OF TOTAL PROCEDURES | AGE 13-19 % CHANGE 2013 vs 2012 |
|---|-------------------------|------------------------------------|------------------------------------|
| Botulinum Toxin Type A (Botox, Dysport)*** | 17,978 | 0% | 3% |
| Chemical peel | 6,119 | 1% | 2% |
| Laser hair removal | 69,402 | 6% | -5% |
| Laser skin resurfacing | 25,377 | 5% | 1% |
| Laser treatment of leg veins | 18,972 | 9% | -9% |
| Microdermabrasion | 9,640 | 1% | 1% |
| Sclerotherapy | 1,778 | 1% | -9% |
| Soft Tissue Fillers | 6,675 | 0% | 8% |
| Calcium hydroxylapatite (Radiesse) | 950 | 0% | 3% |
| Collagen | 206 | 0% | -10% |
| Fat | 587 | 1% | 5% |
| Hyaluronic acid (Juvederm Ultra, Juvederm Ultra Plus, Perlane, Restylane) | 3,015 | 0% | 19% |
| Polylactic acid (Sculptra) | 1,917 | 1% | 1% |
| TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES | 155,941 | 1% | -3% |
| TOTAL COSMETIC PROCEDURES | 219,564 | 2% | -3% |

2013 Cosmetic Surgery Age Distribution

Age 20-29

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| COSMETIC SURGICAL PROCEDURES | AGE 20-29 2013 TOTAL | AGE 20-29 % OF TOTAL PROCEDURES | AGE 20-29 % CHANGE 2013 vs 2012 |
|--|-------------------------|------------------------------------|------------------------------------|
| Breast augmentation (augmentation mammaplasty) | 83,638 | 29% | 1% |
| Breast implant removals (augmentation patients only) | 3,167 | 13% | 9% |
| Breast lift (mastopexy) | 12,598 | 14% | 0% |
| Breast reduction in men (gynecomastia)^^ | 8,006 | 35% | 13% |
| Buttock implants | 190 | 20% | 9% |
| Buttock lift | 302 | 12% | -15% |
| Calf augmentation | 218 | 38% | 30% |
| Cheek implant (malar augmentation) | 1,109 | 9% | -6% |
| Chin augmentation (mentoplasty) | 2,610 | 14% | 3% |
| Dermabrasion | 5,021 | 7% | 3% |
| Ear surgery (otoplasty) | 7,117 | 30% | -4% |
| Eyelid surgery (blepharoplasty) | 3,884 | 2% | 6% |
| Facelift (rhytidectomy) | 381 | 0% | 4% |
| Forehead lift | 258 | 1% | 2% |
| Hair transplantation | 1,287 | 9% | -7% |
| Lip augmentation (other than injectable materials) | 1,204 | 5% | 0% |
| Liposuction | 30,891 | 15% | 0% |
| Lower body lift | 700 | 10% | 3% |
| Nose reshaping (rhinoplasty) | 69,748 | 32% | -8% |
| Pectoral implants | 175 | 51% | 2% |
| Thigh lift | 547 | 6% | -2% |
| Tummy tuck (abdominoplasty) | 10,699 | 10% | 4% |
| Upper arm lift | 1,445 | 9% | 2% |
| TOTAL COSMETIC SURGICAL PROCEDURES | 245,195 | 16% | -1% |

Top 5 procedures appear in bold

| AGE 20-29 2013 TOTAL | AGE 20-29 % OF TOTAL PROCEDURES | AGE 20-29 % CHANGE 2013 vs 2012 |
|-------------------------|---|--|
| 94,865 | 2% | 2% |
| 6,275 | 21% | -11% |
| 13,691 | 1% | 3% |
| 233,132 | 22% | -3% |
| 28,745 | 6% | 0% |
| 26,733 | 13% | -10% |
| 75,741 | 8% | -1% |
| 13,960 | 4% | -9% |
| 63,416 | 3% | 12% |
| 5,728 | 2% | 4% |
| 2,749 | 5% | -11% |
| 3,253 | 5% | 5% |
| 44,236 | 3% | 19% |
| 7,450 | 5% | -1% |
| 556,558 | 4% | -1% |
| 801,753 | 6% | -1% |
| | 2013 TOTAL 94,865 6,275 13,691 233,132 28,745 26,733 75,741 13,960 63,416 5,728 2,749 3,253 44,236 7,450 556,558 | 2013 TOTAL % OF TOTAL PROCEDURES 94,865 2% 6,275 21% 13,691 1% 233,132 22% 28,745 6% 26,733 13% 75,741 8% 13,960 4% 63,416 3% 5,728 2% 2,749 5% 3,253 5% 44,236 3% 7,450 5% 556,558 4% |

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2013 Cosmetic Surgery Age Distribution

Age 30-39



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| COSMETIC SURGICAL PROCEDURES | AGE 30-39 2013 TOTAL | AGE 30-39 % OF TOTAL PROCEDURES | AGE 30-39 % CHANGE 2013 vs 2012 |
|--|-------------------------|------------------------------------|------------------------------------|
| Breast augmentation (augmentation mammaplasty) | 105,877 | 36% | 1% |
| Breast implant removals (augmentation patients only) | 7,011 | 29% | 9% |
| Breast lift (mastopexy) | 26,748 | 30% | 1% |
| Breast reduction in men (gynecomastia)^^ | 4,062 | 18% | 12% |
| Buttock implants | 314 | 33% | 9% |
| Buttock lift | 686 | 28% | -17% |
| Calf augmentation | 230 | 40% | 31% |
| Cheek implant (malar augmentation) | 2,450 | 20% | -5% |
| Chin augmentation (mentoplasty) | 2,554 | 13% | 2% |
| Dermabrasion | 7,505 | 10% | 2% |
| Ear surgery (otoplasty) | 4,204 | 17% | -7% |
| Eyelid surgery (blepharoplasty) | 13,500 | 6% | 5% |
| Facelift (rhytidectomy) | 2,053 | 2% | 7% |
| Forehead lift | 1,917 | 4% | 4% |
| Hair transplantation | 1,226 | 8% | -8% |
| Lip augmentation (other than injectable materials) | 3,199 | 13% | 1% |
| Liposuction | 67,360 | 34% | 0% |
| Lower body lift | 1,960 | 27% | 1% |
| Nose reshaping (rhinoplasty) | 53,254 | 24% | -10% |
| Pectoral implants | 61 | 18% | 0% |
| Thigh lift | 2,472 | 28% | -3% |
| Tummy tuck (abdominoplasty) | 39,565 | 35% | 5% |
| Upper arm lift | 2,257 | 14% | 1% |
| TOTAL COSMETIC SURGICAL PROCEDURES | 350,465 | 22% | 0% |

| COSMETIC MINIMALLY-INVASIVE PROCEDURES | AGE 30-39 2013 TOTAL | AGE 30-39 % OF TOTAL PROCEDURES | AGE 30-39 % CHANGE 2013 vs 2012 |
|--|-------------------------|------------------------------------|------------------------------------|
| Botulinum toxin type A (Botox [®] , Dysport [®])*** | 1,119,798 | 18% | 4% |
| Cellulite treatment (e.g., Velosmooth®, Endermology) | 15,935 | 54% | -11% |
| Chemical peel | 150,063 | 13% | 4% |
| Laser hair removal | 311,661 | 29% | -5% |
| Laser skin resurfacing | 44,081 | 9% | 1% |
| Laser treatment of leg veins | 63,868 | 31% | -9% |
| Microdermabrasion | 224,329 | 23% | -1% |
| Sclerotherapy | 65,990 | 21% | -9% |
| Soft tissue fillers | 250,292 | 11% | 14% |
| Calcium hydroxylapatite (e.g., Radiesse®) | 23,137 | 8% | 2% |
| Collagen | 9,404 | 16% | -11% |
| Fat | 8,648 | 13% | 5% |
| Hyaluronic acid (e.g., Juvederm Ultra®, Juvederm Ultra Plus®, Perlane®, Restylane®, Prevelle Silk®) | 193,387 | 12% | 19% |
| Polylactic acid (Sculptra®) | 15,716 | 11% | 1% |
| TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES | 2,246,017 | 18% | 2% |
| TOTAL COSMETIC PROCEDURES | 2,596,482 | 18% | 2% |

2013 Cosmetic Surgery Age Distribution *Age 40-54*



Top 5 procedures appear in bold

2013 Plastic Surgery Statistics Report

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| COSMETIC SURGICAL PROCEDURES | AGE 40-54 2013 TOTAL | AGE 40-54 % OF TOTAL PROCEDURES | AGE 40-54 % CHANGE 2013 vs 2012 |
|--|-------------------------|------------------------------------|------------------------------------|
| Breast augmentation (augmentation mammaplasty) | 85,516 | 29% | 2% |
| Breast implant removals (augmentation patients only) | 9,704 | 41% | 11% |
| Breast lift (mastopexy) | 34,914 | 39% | 1% |
| Breast reduction in men (gynecomastia)^^ | 3,049 | 13% | 10% |
| Buttock implants | 369 | 39% | 11% |
| Buttock lift | 1,032 | 42% | -16% |
| Calf augmentation | 86 | 15% | 32% |
| Cheek implant (malar augmentation) | 5,391 | 45% | -6% |
| Chin augmentation (mentoplasty) | 4,670 | 24% | 4% |
| Dermabrasion | 28,878 | 39% | 2% |
| Ear surgery (otoplasty) | 3,593 | 15% | -6% |
| Eyelid surgery (blepharoplasty) | 92,779 | 43% | 7% |
| Facelift (rhytidectomy) | 43,510 | 33% | 4% |
| Forehead lift | 18,068 | 39% | 5% |
| Hair transplantation | 3,151 | 21% | -7% |
| Lip augmentation (other than injectable materials) | 9,041 | 36% | 0% |
| Liposuction | 78,133 | 39% | -2% |
| Lower body lift | 3,187 | 44% | 3% |
| Nose reshaping (rhinoplasty) | 45,299 | 20% | -9% |
| Pectoral implants | 65 | 19% | 3% |
| Thigh lift | 4,179 | 48% | -2% |
| Tummy tuck (abdominoplasty) | 46,074 | 41% | 5% |
| Upper arm lift | 6,783 | 43% | 2% |
| TOTAL COSMETIC SURGICAL PROCEDURES | 527,471 | 34% | 2% |

| COSMETIC MINIMALLY-INVASIVE PROCEDURES | AGE 40-54 2013 TOTAL | AGE 40-54 % OF TOTAL PROCEDURES | AGE 40-54 % CHANGE 2013 vs 2012 |
|---|-------------------------|------------------------------------|------------------------------------|
| Botulinum toxin type A (Botox [®] , Dysport [®])*** | 3,637,545 | 58% | 3% |
| Cellulite treatment (e.g., Velosmooth®, Endermology) | 7,096 | 24% | -11% |
| Chemical peel | 485,121 | 42% | 2% |
| Laser hair removal | 393,219 | 37% | -3% |
| Laser skin resurfacing | 207,133 | 40% | 0% |
| Laser treatment of leg veins | 63,125 | 30% | -11% |
| Microdermabrasion | 428,276 | 44% | 1% |
| Sclerotherapy | 156,980 | 49% | -11% |
| Soft tissue fillers | 1,087,086 | 49% | 13% |
| Calcium hydroxylapatite (e.g., Radiesse®) | 110,680 | 39% | 2% |
| Collagen | 21,696 | 36% | -12% |
| Fat | 22,500 | 34% | 5% |
| Hyaluronic acid (e.g., Juvederm Ultra [®] , Juvederm Ultra Plus [®] , Perlane [®] , Restylane [®] , Prevelle Silk [®]) | 853,736 | 51% | 17% |
| Polylactic acid (Sculptra®) | 78,474 | 57% | -1% |
| TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES | 6,465,581 | 50% | 3% |
| TOTAL COSMETIC PROCEDURES | 6,993,052 | 49% | 3% |

2013 Cosmetic Surgery Age Distribution

Age 55 and over



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| COSMETIC SURGICAL PROCEDURES | AGE 55 AND OVER 2013 TOTAL | AGE 55 AND OVER % OF TOTAL PROCEDURES | AGE 55 AND OVER % CHANGE 2013 vs 2012 |
|--|-------------------------------|--|--|
| Breast augmentation (augmentation mammaplasty) | 6,934 | 2% | -7% |
| Breast implant removals (augmentation patients only) | 6,959 | 2% | 0% |
| Breast lift (mastopexy) | 3,804 | 16% | 11% |
| Breast reduction in men (gynecomastia) ^^ | 14,138 | 16% | 2% |
| Buttock implants | 1,956 | 9% | 41% |
| Buttock lift | 69 | 7% | 11% |
| Calf augmentation | 418 | 17% | -16% |
| Cheek implant (malar augmentation) | 37 | 6% | 32% |
| Chin augmentation (mentoplasty) | 3,054 | 25% | -5% |
| Dermabrasion | 7,659 | 40% | 2% |
| Ear surgery (otoplasty) | 30,057 | 40% | 4% |
| Eyelid surgery (blepharoplasty) | 2,326 | 10% | -7% |
| Facelift (rhytidectomy) | 103,463 | 48% | 5% |
| Forehead lift | 87,376 | 66% | 6% |
| Hair transplantation | 26,080 | 56% | 3% |
| Lip augmentation (other than injectable materials) | 9,412 | 62% | -8% |
| Liposuction | 11,469 | 46% | 0% |
| Lower body lift | 20,278 | 10% | -1% |
| Nose reshaping (rhinoplasty) | 1,434 | 20% | 1% |
| Pectoral implants | 22,080 | 10% | -10% |
| Thigh lift | 41 | 12% | 0% |
| Tummy tuck (abdominoplasty) | 1,511 | 17% | -1% |
| Upper arm lift | 15,648 | 14% | 5% |
| TOTAL COSMETIC SURGICAL PROCEDURES | 374,553 | 24% | 3% |

| COSMETIC MINIMALLY-INVASIVE PROCEDURES | AGE 55 AND OVER 2013 TOTAL | AGE 55 AND OVER % OF TOTAL PROCEDURES | AGE 55 AND OVER % CHANGE 2013 vs 2012 |
|--|-------------------------------|--|--|
| Botulinum toxin type A (Botox [®] , Dysport [®])*** | 1,450,974 | 23% | 3% |
| Cellulite treatment (e.g., Velosmooth®, Endermology) | 12 | 0% | -8% |
| Chemical peel | 508,339 | 44% | 3% |
| Laser hair removal | 69,744 | 6% | -5% |
| Laser skin resurfacing | 206,459 | 40% | 2% |
| Laser treatment of leg veins | 35,371 | 17% | -11% |
| Microdermabrasion | 232,357 | 24% | -1% |
| Sclerotherapy | 82,769 | 26% | -9% |
| Soft tissue fillers | 817,835 | 37% | 12% |
| Calcium hydroxylapatite (e.g., Radiesse®) | 143,993 | 51% | 4% |
| Collagen | 26,510 | 44% | -10% |
| Fat | 31,235 | 47% | 5% |
| Hyaluronic acid (e.g., Juvederm Ultra®, Juvederm Ultra Plus®, Perlane®, Restylane®, Prevelle Silk®) | 581,227 | 35% | 18% |
| Polylactic acid (Sculptra®) | 34,870 | 25% | 0% |
| TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES | 3,403,860 | 27% | 4% |
| TOTAL COSMETIC PROCEDURES | 3,778,413 | 26% | 4% |
| | | | |

2013 Regional Distribution

Cosmetic Procedures

| | 2013 | % OF TOTAL PROCEDURES | | | JRES | |
|--|------------------|-----------------------|-------------|-------------|-------------|-------------|
| COSMETIC SURGICAL PROCEDURES | TOTAL PROCEDURES | Region 1 | Region 2 | Region 3 | Region 4 | Region 5 |
| Breast augmentation (augmentation mammaplasty) | 290,224 | 15% 42,384 | 17% 49,026 | 16% 46,370 | 16% 47,566 | 36% 104,878 |
| Breast implant removals (augmentation patients only) | 23,770 | 20% 4,769 | 17% 3,935 | 21% 4,984 | 22% 5,153 | 21% 4,929 |
| Breast lift (mastopexy) | 90,006 | 13% 11,417 | 15% 13,130 | 21% 18,962 | 21% 18,816 | 31% 27,681 |
| Breast reduction (Aesthetic patiebts only) | 41,164 | 16% 6,513 | 29% 12,022 | 15% 6,074 | 21% 8,738 | 19% 7,817 |
| Breast reduction in men (gynecomastia) | 22,939 | 33% 7,524 | 17% 3,883 | 16% 3,675 | 12% 2,640 | 23% 5,217 |
| Buttock augmentation with fat grafting | 9,993 | 22% 2,174 | 28% 2,811 | 21% 2,061 | 17% 1,650 | 13% 1,297 |
| Buttock implants | 942 | 15% 143 | 14% 129 | 29% 272 | 23% 215 | 19% 183 |
| Buttock lift | 2,438 | 23% 571 | 33% 808 | 18% 432 | 14% 353 | 11% 274 |
| Calf augmentation | 571 | 28% 161 | 10% 58 | 27% 156 | 12% 69 | 22% 127 |
| Cheek implant (malar augmentation) | 12,004 | 19% 2,249 | 9% 1,087 | 19% 2,328 | 44% 5,234 | 9% 1,106 |
| Chin augmentation (mentoplasty) | 19,108 | 24% 4,500 | 15% 2,798 | 15% 2,863 | 11% 2,045 | 36% 6,902 |
| Dermabrasion | 74,721 | 12% 9,165 | 30% 22,752 | 22% 16,421 | 12% 8,707 | 24% 17,676 |
| Ear surgery (otoplasty) | 24,111 | 19% 4,542 | 19% 4,587 | 15% 3,614 | 16% 3,837 | 31% 7,531 |
| Eyelid surgery (blepharoplasty) | 215,641 | 18% 39,275 | 14% 29,415 | 22% 47,210 | 12% 26,207 | 34% 73,534 |
| Facelift (rhytidectomy) | 133,320 | 20% 26,931 | 12% 15,644 | 23% 30,078 | 14% 18,911 | 31% 41,756 |
| Forehead lift | 46,323 | 16% 7,265 | 14% 6,310 | 18% 8,144 | 19% 8,982 | 34% 15,622 |
| Hair transplantation | 15,076 | 10% 1,464 | 10% 1,465 | 12% 1,750 | 47% 7,022 | 22% 3,375 |
| Lip augmentation (other than injectable materials) | 25,156 | 27% 6,733 | 17% 4,246 | 17% 4,151 | 20% 5,061 | 20% 4,965 |
| Lip reduction | 610 | 18% 109 | 35% 214 | 19% 116 | 15% 91 | 13% 80 |
| Liposuction | 199,817 | 17% 34,804 | 13% 25,978 | 23% 46,443 | 15% 30,668 | 31% 61,924 |
| Lower body lift | 7,281 | 30% 2,161 | 16% 1,147 | 11% 801 | 21% 1,501 | 23% 1,671 |
| Neck lift | 55,346 | 19% 10,549 | 12% 6,680 | 22% 11,952 | 15% 8,491 | 32% 17,674 |
| Nose reshaping (rhinoplasty) | 221,053 | 30% 65,458 | 14% 30,485 | 12% 27,557 | 18% 39,955 | 26% 57,598 |
| Pectoral implants | 342 | 16% 54 | 11% 36 | 28% 96 | 18% 60 | 28% 96 |
| Thigh lift | 8,709 | 24% 2,120 | 15% 1,347 | 14% 1,232 | 19% 1,687 | 27% 2,323 |
| Tummy tuck (abdominoplasty) | 111,986 | 20% 21,934 | 18% 19,887 | 17% 19,350 | 17% 18,480 | 29% 32,335 |
| Upper arm lift | 15,769 | 29% 4,546 | 14% 2,208 | 21% 3,349 | 14% 2,143 | 22% 3,523 |
| TOTAL COSMETIC SURGICAL PROCEDURES | 1,668,420 | 19% 319,515 | 16% 262,088 | 19% 310,441 | 16% 274,282 | 30% 502,094 |

| COSMETIC MINIMALLY-INVASIVE PROCEDURES | 2013 | % OF TOTAL PROCEDURES | | | | |
|---|------------------|-----------------------|--------------------|---------------|--------------------|---------------|
| COSMETIC MINIMALLT-INVASIVE PROCEDURES | TOTAL PROCEDURES | Region 1 | Region 2 | Region 3 | Region 4 | Region 5 |
| Botulinum toxin type A (Botox [®] , Dysport [®])*** | 6,321,160 | 20% 1,258,968 | 14% 858,866 | 24% 1,508,899 | 14% 897,622 | 28% 1,796,805 |
| Cellulite treatment (e.g., Velosmooth®, Endermology) | 29,318 | 22% 6,461 | 23% 6,755 | 20% 5,914 | 11% 3,240 | 24% 6,948 |
| Chemical peel | 1,163,333 | 25% 292,241 | 15% 176,115 | 20% 230,304 | 9% 104,833 | 31% 359,840 |
| Intense pulsed light (IPL) | 602,659 | 27% 164,287 | 15% 92,920 | 18% 109,006 | 9% 54,072 | 30% 182,374 |
| Laser hair removal | 1,077,158 | 17% 186,818 | 13% 139,363 | 21% 228,321 | 16% 168,616 | 33% 354,040 |
| Laser skin resurfacing | 511,795 | 20% 102,883 | 22% 114,658 | 16% 81,276 | 10% 51,255 | 32% 161,723 |
| Laser treatment of leg veins | 208,069 | 25% 51,123 | 11% 21,986 | 16% 33,737 | 11% 23,475 | 37% 77,748 |
| Microdermabrasion | 970,343 | 26% 248,226 | 19% 188,005 | 21% 205,464 | 12% 112,568 | 22% 216,080 |
| Sclerotherapy | 321,477 | 16% 49,894 | 12% 37,299 | 21% 68,354 | 37% 119,791 | 14% 46,139 |
| Soft tissue fillers | 2,242,621 | 29% 660,042 | 13% 292,378 | 19% 416,216 | 11% 247,216 | 28% 626,927 |
| Calcium hydroxylapatite (e.g., Radiesse®) | 284,488 | 33% 93,841 | 15% 43,601 | 19% 54,006 | 15% 43,425 | 17% 49,615 |
| Collagen | 60,565 | 50% 30,475 | 7% 4,104 | 17% 10,137 | 12% 7,015 | 15% 8,834 |
| Fat | 66,223 | 17% 11,170 | 19% 12,676 | 24% 15,990 | 8% 5,160 | 32% 21,227 |
| Hyaluronic acid (e.g., Juvederm Ultra [®] , Juvederm Ultra Plus [®] , Perlane [®] , Restylane [®] , Prevelle Silk [®]) | 1,675,601 | 30% 504,650 | 12% 200,574 | 18% 308,714 | 8% 141,078 | 31% 520,585 |
| Polylactic acid (Sculptra®) | 138,427 | 12% 16,962 | 22% 30,488 | 15% 21,439 | 36% 49,243 | 15% 20,295 |
| Polymethyl-methacrylate microspheres (e.g., Artefill) | 17,317 | 17% 2,944 | 5% 935 | 34% 5,930 | 7% 1,137 | 37% 6,371 |
| COSMETIC MINIMALLY-INVASIVE PROCEDURES | 13,447,933 | 22% 3,020,943 | 14% 1,928,345 | 21% 288,7491 | 13% 1,782,530 | 28% 3,828,624 |
| TOTAL COSMETIC PROCEDURES | 15,116,353 | 22% 3,340,458 | 14% 2,190,433 | 21% 3,197,932 | 14% 2,056,812 | 29% 4,330,718 |

All values are projected.

***Botulinum toxin type A numbers are of anatomic sites injected.

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Top 5 procedures appear in bold

2013 Plastic Surgery Statistics Report



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



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



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



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



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

2013 Average Surgeon/Physician Fees

Cosmetic Procedures



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* Data unavailable in prior year.

All values are projected. 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 SURGICAL PROCEDURES | NATIONAL AVERAGE SURGEON/PHYSICIAN FEE | TOTAL EXPENDITURE |
|--|---|----------------------|
| Breast augmentation (Augmentation mammaplasty) | \$3,678 | \$1,067,443,872 |
| Breast implant removals (Augmentation patients only) | \$2,354 | \$55,954,580 |
| Breast lift (Mastopexy) | \$4,207 | \$378,655,242 |
| Breast reduction (Aesthetic patients only)* | \$5,165 | \$212,599,711 |
| Breast reduction in men (Gynecomastia) | \$3,196 | \$73,313,044 |
| Buttock augmentation with fat grafting* | \$4,129 | \$41,263,503 |
| Buttock implants | \$4,383 | \$4,128,786 |
| Buttock lift | \$4,515 | \$11,007,570 |
| Calf augmentation | \$3,249 | \$1,855,179 |
| Cheek implant (Malar augmentation) | \$2,674 | \$32,098,696 |
| Chin augmentation (Mentoplasty) | \$1,942 | \$37,107,736 |
| Dermabrasion | \$1,151 | \$86,003,871 |
| Ear surgery (Otoplasty) | \$3,040 | \$73,297,440 |
| Eyelid surgery (Blepharoplasty) | \$2,818 | \$607,676,338 |
| Facelift (Rhytidectomy) | \$6,556 | \$874,045,920 |
| Forehead lift | \$3,095 | \$143,369,685 |
| Hair transplantation | \$5,136 | \$77,430,336 |
| Lip augmentation (other than injectable materials) | \$1,767 | \$44,450,652 |
| Lip reduction* | \$1,443 | \$880,433 |
| Liposuction | \$2,866 | \$572,675,522 |
| Lower body lift | \$8,144 | \$59,296,464 |
| Neck lift* | \$4,102 | \$227,029,292 |
| Nose reshaping (Rhinoplasty) | \$4,545 | \$1,004,685,885 |
| Pectoral implants | \$4,505 | \$1,540,710 |
| Thigh Lift | \$4,459 | \$38,833,431 |
| Tummy tuck (Abdominoplasty) | \$5,217 | \$584,228,015 |
| Upper arm lift (Brachioplasty) | \$3,729 | \$58,802,601 |

| COSMETIC MINIMALLY-INVASIVE PROCEDURES | NATIONAL AVERAGE SURGEON/PHYSICIAN FEE | TOTAL EXPENDITURE |
|--|---|----------------------|
| Botulinum Type A toxin injections (e.g., Botox, Dysport) | \$380 | \$2,402,040,800 |
| Cellulite treatment (e.g., Velosmooth, Endermology) | \$245 | \$7,182,910 |
| Chemical peel | \$720 | \$837,599,760 |
| Intense Pulsed Light (IPL) | \$436 | \$262,759,324 |
| Laser hair removal | \$301 | \$324,224,558 |
| Laser skin resurfacing | | |
| Ablative | \$2,157 | \$315,351,243 |
| Non-ablative (e.g., Fraxel, etc.) | \$1,025 | \$374,735,900 |
| Laser treatment of leg veins | \$330 | \$68,662,770 |
| Microdermabrasion | \$148 | \$143,610,764 |
| Sclerotherapy | \$331 | \$106,408,887 |
| Soft Tissue Fillers | | |
| Calcium hydroxylapatite (e.g., Radiesse) | \$635 | \$180,649,880 |
| Collagen | | |
| Porcine/bovine-based (e.g., Evolence, Zyderm, Zyplast) | \$467 | \$6,755,155 |
| Human-based (e.g., Cosmoderm, Cosmoplast, Cymetra) | \$544 | \$25,078,400 |
| Fat | \$1,682 | \$111,387,086 |
| Hyaluronic acid (e.g., Juvederm Ultra, Juvederm Ultra Plus, Perlane, Restylane) | \$568 | \$951,741,368 |
| Polylactic acid (e.g., Sculptra) | \$917 | \$126,937,559 |
| Polymethyl-methacrylate microspheres (e.g., Artefill) | \$969 | \$16,780,173 |
| Total 2013 Expenditures | | \$12,631,581,051 |

2013 Cosmetic Demographics



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| Patient behavior | | % 2013 | | % 2012 | % CHANGE 2013 vs. 2012 |
|---|------------|----------------------|---------------------------|----------|---------------------------|
| Cosmetic Patients who are repeat patients | | 50% | | 51% | 4% |
| Patients having multiple cosmetic procedures at the same time | | 44% | | 46% | 3% |
| | | | | | |
| Cosmetic procedures performed in | 2013 | % 2013 | 2012 | % 2012 | % CHANGE 2013 vs. 2012 |
| Office | 10,805,035 | 71% | 10,427,178 | 71% | 4% |
| Hospital | 1,451,310 | 10% | 1,414,865 | 10% | 3% |
| Free-standing Ambulatory Surgical Facility | 2,860,007 | 19% | 2,787,233 | 19% | 3% |
| | | | | | |
| Ethnicity breakdown of cosmetic procedures | 2013 | % 2013 | 2012 | % 2012 | % CHANGE 2013 vs. 2012 |
| Caucasian | 10,507,013 | 70% | 10,242,650 | 70% | 3% |
| Hispanic | 1,694,178 | 11% | 1,592,445 | 11% | 6% |
| African-American | 1,225,214 | 8% | 1,171,751 | 8% | 5% |
| Asian-American | 988,102 | 7% | 976,694 | 7% | 1% |
| Other | 701,846 | 5% | 645,736 | 4% | 9% |
| | | | | | |
| Popular cosmetic surgical procedures by group | Caucasian | African- American | Asian/Pacific Islander | Hispanic | Other |
| Breast Augmentation | 74.9% | 6.5% | 5.6% | 10.2% | 2.9% |
| Rhinoplasty | 72.3% | 6.1% | 4.0% | 11.3% | 6.3% |
| Blepharoplasty | 80.5% | 3.2% | 6.2% | 7.6% | 2.4% |
| Liposuction | 74% | 8.9% | 3.9% | 11% | 2.2% |
| Abdominoplasty | 70.8% | 10.8% | 4.2% | 11.9% | 2.2% |
| | | | | | 1.19 |
| Popular cosmetic minimally-invasive procedures by group | Caucasian | African- American | Asian/Pacific Islander | Hispanic | Other |
| Botulinum toxin type A (Botox [®] , Dysport [®]) | 75.6% | 5.1% | 4.8% | 10.2% | 4.3% |

8.2% Soft tissue fillers 76.8% 5.9% 4.8% 4.3% Chemical peel 81.6% 2.9% 4.6% 8% 2.9% Laser hair removal 74.2% 6.3% 4.7% 7.1% 7.7% Microdermabrasion 4.3% 4.2% 75.2% 9% 7.2%

2013 Reconstructive Demographics



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| Reconstructive procedures performed in | 2013 | % 2013 | 2012 | % 2012 | % CHANGE 2013 vs. 2012 |
|--|-----------|--------|-----------|--------|---------------------------|
| Office | 2,660,000 | 46% | 2,691,065 | 48% | -1% |
| Hospital | 2,184,765 | 38% | 2,051,685 | 37% | 6% |
| Free-standing Ambulatory Surgical Facility | 889,355 | 16% | 869,799 | 15% | 2% |

| Reconstructive procedures by group | Caucasian | African- American | Asian/Pacific Islander | Hispanic | Other |
|------------------------------------|-------------------------|----------------------|---------------------------|----------|-------|
| Breast reconstruction | 71.2% | 15.8% | 2.2% | 10.3% | 0.4% |
| Burn care | 67.6% 51.9% 73.9% | 16% | 3.4% | 8.7% | 4.3% |
| Cleft Lip & Palate Repair | | 4.3% | 11.3% | 22% | 10.5% |
| Tumor removal | | 10% | 10% 4% | 8.4% | 3.6% |
| Treatment of dog bites | 71% | 10.9% | 3.4% | 13% | 1.8% |

2013 Reconstructive Breast Procedures

(with age distribution)

| RECONSTRUCTIVE BREAST PROCEDURES | TOTAL PROCEDURES | 13-19 | 20-29 | 30-39 | 40-54 | 55 AND OVER |
|--|---------------------|-------|-------|--------|--------|-------------|
| Breast reconstruction | 95,589 | 521 | 2,536 | 11,607 | 48,928 | 31,997 |
| Saline implants | 6,766 | - | - | - | - | - |
| Silicone implants | 69,312 | - | - | - | - | - |
| Implant alone | 7,471 | - | - | - | - | - |
| Tissue expander and implant | 68,607 | - | - | - | - | - |
| TRAM flap | 5,098 | - | - | - | - | - |
| DIEP flap | 7,220 | - | - | - | - | - |
| Latissimus Dorsi flap | 6,255 | - | - | - | - | - |
| Other flap | 938 | - | - | - | - | - |
| Breast reduction (reconstructive patients only) | 62,611 | - | - | - | - | - |
| Breast implant removals (Reconstructive patients only) | 18,223 | 151 | 1,201 | 3,434 | 8,237 | 5,200 |



2013 Body Contouring After Massive Weight Loss

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| BODY CONTOURING AFTER MASSIVE WEIGHT LOSS PROCEDURES | 2013 | 2012 | % CHANGE 2013 vs. 2012 |
|--|--------|--------|---------------------------|
| Breast lift (Mastopexy) after massive weight loss | 10,914 | 12,715 | -14% |
| Lower body lift after massive weight loss | 4,391 | 4,627 | -5% |
| Thigh lift after massive weight loss | 4,492 | 5,004 | -10% |
| Tummy tuck (Abdominoplasty) after massive weight loss | 16,602 | 16,706 | -1% |
| Upper arm lift after massive weight loss | 5,599 | 6,482 | -14% |
| TOTAL BODY CONTOURING AFTER MASSIVE WEIGHT LOSS PROCEDURES | 41,998 | 45,534 | -8% |

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