

2019

NATIONAL PLASTIC SURGERY STATISTICS

ABOUT THE AMERICAN SOCIETY OF PLASTIC SURGEONS

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

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

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

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

METHODOLOGY AND VALIDITY

Methodology

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

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

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

ASPS offers the most comprehensive, reliable statistics on cosmetic and reconstructive plastic surgery procedures performed in the United States. The annual questionnaire was distributed to more than 24,600 ABMS board-certified physicians (An online and faxed version of the questionnaire were made available. A total of 512 active physicians returned questionnaires. Overall, 682 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 24,600 board certified physicians most likely to perform cosmetic and reconstructive plastic surgery procedures, resulting in the most accurate census available.

Validity

Results of the survey are based on a 95 percent confidence level with a ±4.12 percent margin of error.

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COSMETIC SURGICAL PROCEDURES

	2019 [◇]	NATIONAL AVERAGE SURGEON/PHYSICIAN FEE	TOTAL EXPENDITURE
Breast augmentation (Augmentation mammoplasty) ^{****†}	287,085	\$4,789	\$1,374,771,523
Breast implant removals (Augmentation patients only) ^{****}	33,642	\$3,037	\$102,181,758
Breast lift (Mastopexy) ^{****}	110,280	\$4,980	\$549,201,236
Breast reduction (Aesthetic patients only) ^{****}	46,340	\$5,838	\$270,552,169
Breast reduction in men (Gynecomastia) ^{****}	20,955	\$4,239	\$88,819,953
Buttock augmentation with fat grafting ^{****}	28,076	\$4,738	\$133,018,909
Buttock implants ^{****}	970	\$5,264	\$5,105,727
Buttock lift ^{****}	3,945	\$5,554	\$21,909,956
Calf augmentation ^{****}	599	\$4,278	\$2,562,779
Cheek implant (Malar augmentation) [◇]	117,720	\$3,644	\$429,024,000
Chin augmentation (Mentoplasty) [◇]	44,603	\$3,234	\$144,224,916
Dermabrasion [◇]	159,374	\$1,782	\$284,013,843
Ear surgery (Otoplasty) [◇]	55,000	\$3,808	\$209,466,466
Eyelid surgery (Blepharoplasty) [◇]	354,105	\$4,278	\$1,514,991,831
Facelift (Rhytidectomy) [◇]	261,987	\$7,944	\$2,081,189,710
Forehead lift [◇]	89,246	\$3,815	\$340,447,332
Hair transplantation	24,348	*	*
Labiaplasty ^{****}	11,218	\$3,002	\$33,680,466
Lip augmentation (other than injectable materials) [◇]	45,240	\$2,254	\$101,977,243
Lip reduction ^{****◇}	20,869	\$2,335	\$48,719,629
Liposuction	265,209	\$3,684	\$976,956,026
Lower body lift ^{****}	8,160	\$8,142	\$66,436,628
Neck lift [◇]	181,024	\$5,698	\$1,031,529,059
Nose reshaping (Rhinoplasty) [◇]	362,299	\$5,437	\$1,969,767,225
Pectoral implants ^{****}	664	\$5,205	\$3,456,120
Thigh Lift ^{****}	9,712	\$5,364	\$52,094,548
Tummy tuck (Abdominoplasty) ^{****}	118,210	\$6,125	\$724,000,501
Upper arm lift ^{****}	17,422	\$4,887	\$85,142,797
TOTAL COSMETIC SURGICAL PROCEDURES	2,678,302[◇]		\$12,645,242,348

All figures 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.

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

* Data unavailable in prior year.

† 85% of total 2019 breast implants were silicone; 15% were saline.

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

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Margin of error = +/- 4.96%

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COSMETIC MINIMALLY-INVASIVE PROCEDURES

	2019 [◇]	NATIONAL AVERAGE SURGEON/PHYSICIAN FEE	TOTAL EXPENDITURE
Botulinum Toxin Type A (Botox, Dysport, Xeomin) ^{***}	5,043,057	\$492	\$2,479,144,572
Cellulite treatment (Velosmooth, Endermology) [◇]	112,975	*	*
Chemical peel	1,387,607	\$537	\$745,041,406
Injection lipolysis (e.g., Kybella) [◇]	156,153	\$950	\$148,338,705
Intense Pulsed Light (IPL) treatment [◇]	938,263	\$406	\$380,791,999
Laser hair removal	1,055,456	\$338	\$357,078,785
Laser skin resurfacing [◇]	1,087,887	*	*
Ablative [◇]	456,911	\$2,596	\$1,186,357,388
Non-ablative (Fraxel, etc.) [◇]	630,976	\$1,586	\$1,001,017,844
Laser tattoo removal [◇]	215,898	\$427	\$92,242,421
Laser treatment of leg veins	214,800	\$261	\$56,049,375
Microdermabrasion	681,190	\$187	\$127,148,979
Non-invasive fat reduction (Coolsculpting, Liposonix, Emsculpt, Vanquish, Zerona)	386,557	\$1,481	\$572,522,259
Non-surgical skin tightening (Pelleve, Thermage, Ulthera)	334,351	\$2,308	\$771,550,394
Sclerotherapy	319,895	\$444	\$142,062,461
Soft Tissue Fillers	3,816,274	*	*
Acellular Dermal Matrix ^{****}	9,117	\$3,024	\$27,570,264
Allograft Adipose Matrix [◇]	15,272	*	*
Calcium hydroxylapatite (Radiesse) [◇]	243,162	\$711	\$172,965,183
Fat-face [◇]	148,365	\$2,399	\$355,864,288
Hyaluronic acid (Juvederm Ultra, Juvederm Ultra Plus, Perlane, Restylane, Belotero) [◇]	2,878,201	\$694	\$1,998,716,558
Platelet-Rich Plasma (PRP) [◇]	275,101	\$937	\$257,801,077
Polylactic acid (Sculptra) [◇]	165,064	\$783	\$129,216,405
Polymethyl-methacrylate microspheres (Artefill) [◇]	81,992	\$1,038	\$85,066,700
TOTAL COSMETIC SURGICAL PROCEDURES	15,750,363		\$11,086,547,064
TOTAL COSMETIC PROCEDURES	18,428,665		\$23,731,789,413

All figures 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.

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

* Data unavailable in prior year.

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

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

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RECONSTRUCTIVE PROCEDURES

	2019 [◇]
Dog bite repair	43,215
Birth defect (congenital deformities)	59,986
Breast implant removals (Reconstructive patients only) ^{****}	22,934
Breast reconstruction ^{****}	135,996
Breast reduction (reconstructive patients only) ^{****}	65,138
Burn care ^{****}	25,854
Hand surgery (excluding microsurgical) ^{****}	204,105
Head and neck reconstruction ^{****}	35,800
Hernia repair ^{****}	13,715
Laceration repair (other than facial)	391,190
Lower extremity reconstruction (including microsurgical) ^{****}	23,510
Maxillofacial surgery ^{^^^}	207,862
Migraine peripheral trigger site surgery	5,121
Pelvic floor reconstruction ^{****}	3,144
Pressure ulcers ^{****}	15,431
Scar revision	279,239
Tumor removal (including skin cancer)	5,003,243
Other reconstructive procedures ^{****}	117,108
TOTAL COSMETIC SURGICAL PROCEDURES	6,652,591

All figures are projected.

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

* Data unavailable in prior year.

^{****} Counts of procedures performed by ASPS member surgeons only
^{^^^} 2019 figure includes facial laceration repair.

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