

2018 Regional Distribution

Top 5 procedures appear in bold

COSMETIC SURGICAL PROCEDURES	TOTAL PROCEDURES	Region 1	Region 2	Region 3	Region 4	Region 5
Breast augmentation (Augmentation mammoplasty)	313,735	46,738 15%	53,522 17%	50,623 16%	50,900 16%	111,952 36%
Breast implant removals (Augmentation patients only)	29,236	5,923 20%	4,986 17%	6,131 21%	6,211 21%	5,985 20%
Breast lift (Mastopexy)	109,638	14,185 13%	16,153 15%	22,412 20%	22,686 21%	34,202 31%
Breast reduction (Aesthetic patients only)	43,591	7,036 16%	12,353 28%	6,495 15%	9,068 21%	8,639 20%
Breast reduction in men (Gynecomastia)	24,753	8,200 33%	4,317 17%	4,004 16%	2,936 12%	5,296 21%
Buttock augmentation with fat grafting	24,099	5,401 22%	6,778 28%	4,970 21%	4,060 17%	2,890 12%
Buttock implants	946	148 16%	128 14%	267 28%	217 23%	186 20%
Buttock lift	4,824	1,175 24%	1,587 33%	854 18%	671 14%	537 11%
Calf augmentation	655	191 29%	67 10%	179 27%	78 12%	140 21%
Cheek implant (Malar augmentation)	14,369	2,613 18%	1,327 9%	2,786 19%	6,318 44%	1,325 9%
Chin augmentation (Mentoplasty)	16,400	3,785 23%	2,426 15%	2,432 15%	1,790 11%	5,967 36%
Dermabrasion	80,697	9,797 12%	24,324 30%	17,555 22%	9,124 11%	19,897 25%
Ear surgery (Otoplasty)	22,884	4,397 19%	4,395 19%	3,395 15%	3,640 16%	7,057 31%
Eyelid surgery (Blepharoplasty)	206,529	37,988 18%	28,169 14%	45,663 22%	24,597 12%	70,112 34%
Facelift (Rhytidectomy)	121,531	24,302 20%	14,224 12%	27,904 23%	17,278 14%	37,823 31%
Forehead lift	38,795	6,207 16%	5,336 14%	6,752 17%	7,372 19%	13,128 34%
Hair transplantation	23,658	2,298 10%	2,322 10%	2,801 12%	10,942 46%	5,295 22%
Labiaplasty	10,246	2,019 20%	1,655 16%	2,353 23%	1,310 13%	2,909 28%
Lip augmentation (other than injectable materials)	30,859	8,260 27%	5,208 17%	5,143 17%	6,208 20%	6,040 20%
Lip reduction	1,069	193 18%	371 35%	206 19%	155 14%	144 13%
Liposuction	258,558	44,581 17%	33,276 13%	58,312 23%	40,077 16%	82,312 32%
Lower body lift	9,098	2,701 30%	1,390 15%	980 11%	1,913 21%	2,114 23%
Neck lift	53,571	10,416 19%	6,465 12%	11,337 21%	8,467 16%	16,886 32%
Nose reshaping (Rhinoplasty)	213,780	62,045 29%	29,187 14%	26,649 12%	39,024 18%	56,875 27%
Pectoral implants	700	110 16%	73 10%	196 28%	127 18%	194 28%
Thigh Lift	10,100	2,458 24%	1,577 16%	1,414 14%	1,976 20%	2,675 26%
Tummy tuck (Abdominoplasty)	130,081	25,476 20%	24,038 18%	21,810 17%	21,462 16%	37,295 29%
Upper arm lift	17,338	4,999 29%	2,403 14%	3,681 21%	2,379 14%	3,876 22%
TOTAL COSMETIC SURGICAL PROCEDURES	1,811,740	343,642 19%	288,057 16%	337,304 19%	300,986 17%	541,751 30%

2018 Plastic Surgery Statistics Report



Region 1

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



Region 2

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



Region 3

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



Region 4

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



Region 5

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

All values are projected.

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, 2019

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COSMETIC MINIMALLY-INVASIVE PROCEDURES	TOTAL PROCEDURES	Region 1	Region 2	Region 3	Region 4	Region 5
Botulinum Toxin Type A (Botox®, Dysport®, Xeomin®)***	7,437,378	1,480,985 20%	990,319 13%	1,757,242 24%	1,066,583 14%	2,142,249 29%
Cellulite treatment (Velosmooth®, Endermology)	37,220	8,284 22%	8,321 22%	7,432 20%	4,112 11%	9,071 24%
Chemical peel	1,384,327	337,429 24%	209,550 15%	271,286 20%	125,982 9%	440,080 32%
Injection lipolysis (e.g., Kybella®)	63,993	11,724 18%	12,497 20%	13,318 21%	8,550 13%	17,904 28%
Intense Pulsed Light (IPL) treatment	675,552	182,297 27%	102,077 15%	118,561 18%	59,407 9%	213,210 32%
Laser hair removal	1,077,490	188,725 18%	142,208 13%	237,664 22%	166,965 15%	341,928 32%
Laser skin resurfacing	594,266	118,256 20%	129,180 22%	92,486 16%	58,324 10%	196,020 33%
Laser treatment of leg veins	217,836	52,987 24%	22,786 10%	35,314 16%	23,847 11%	82,902 38%
Microdermabrasion	709,413	177,864 25%	137,436 19%	147,209 21%	80,653 11%	166,251 23%
Non-invasive fat reduction (Coolsculpting®, Liposonix®)	376,962	77,463 21%	49,733 13%	85,629 23%	52,694 14%	111,443 30%
Non-surgical skin tightening (Pelleve®, Thermage®, Ulthera®)	335,290	66,132 20%	47,092 14%	77,176 23%	45,707 14%	99,183 30%
Sclerotherapy	323,234	49,660 15%	37,875 12%	68,720 21%	119,661 37%	47,318 15%
Soft Tissue Fillers	2,676,970	786,400 29%	345,535 13%	506,265 19%	279,258 10%	759,512 28%
Acellular Dermal Matrix	8,575	1,543 18%	1,783 21%	1,830 21%	1,110 13%	2,309 27%
Calcium hydroxylapatite (Radiesse®)	227,234	78,452 35%	33,120 15%	43,560 19%	33,653 15%	38,449 17%
Fat-face	45,360	7,883 17%	8,595 19%	10,733 24%	3,499 8%	14,650 32%
Hyaluronic acid (Juvederm Ultra®, Ultra Plus®, Voluma®, Volbella®, Vollure®, Restylane Lyft®, Restylane Silk®, Belotero®, Bolvella®, Restylane®)	2,128,923	654,002 31%	257,336 12%	396,117 19%	177,435 8%	644,033 30%
Platelet-Rich Plasma (PRP)	127,394	27,011 21%	16,636 13%	29,384 23%	18,839 15%	35,524 28%
Polylactic acid (Sculptra®)	121,920	14,495 12%	27,118 22%	18,505 15%	43,568 36%	18,234 15%
Polymethyl-methacrylate microspheres (Bellafill®)	17,564	3,014 17%	947 5%	6,136 35%	1,154 7%	6,313 36%
TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES	15,909,931	3,538,206 22%	2,234,609 14%	3,418,302 21%	2,091,743 13%	4,627,071 29%
TOTAL COSMETIC PROCEDURES	17,721,671	3,881,848 22%	2,522,666 14%	3,755,606 21%	2,392,729 14%	5,168,822 29%

RECONSTRUCTIVE PROCEDURES	TOTAL PROCEDURES	Region 1	Region 2	Region 3	Region 4	Region 5
Breast reconstruction	101,657	20,393 20%	17,169 17%	21,313 21%	21,598 21%	21,184 21%

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***Botulinum toxin type A numbers are of anatomic sites injected. Note that Collagen was excluded from the results due to an insufficient sample of responding physicians who perform this procedure

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