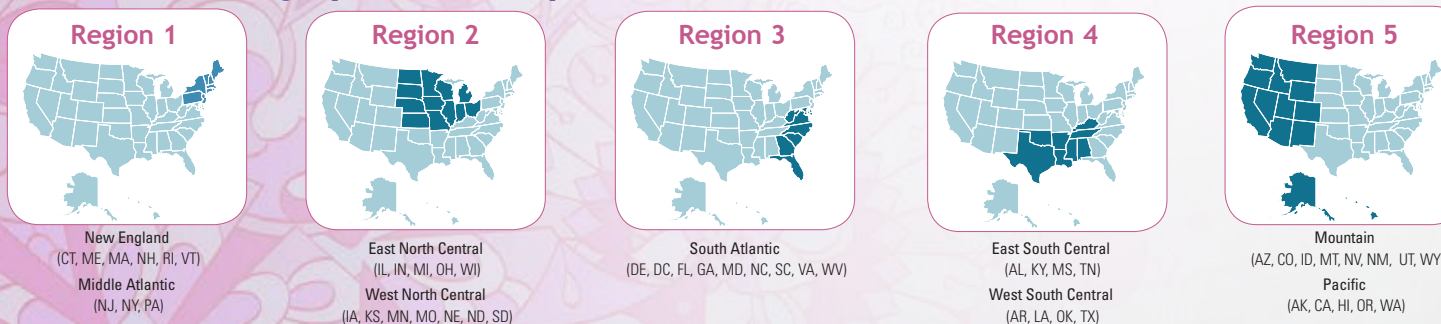


# 2016 Regional Distribution

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)	<b>290,467</b>	<b>42,843</b> 15%	<b>49,062</b> 17%	<b>46,405</b> 16%	<b>47,601</b> 16%	<b>104,556</b> 16%
Breast implant removals (augmentation patients only)	28,467	5,654 20%	4,760 17%	5,969 21%	6,048 21%	6,036 21%
Breast lift (mastopexy)	101,264	12,972 13%	14,919 15%	20,909 21%	20,955 21%	31,509 21%
Breast reduction (Aesthetic patiebtbs only)	39,148	6,319 16%	11,206 29%	5,833 15%	8,063 21%	7,727 21%
Breast reduction in men (gynecomastia)	27,760	9,105 33%	4,793 17%	4,491 16%	3,292 12%	6,079 12%
Buttock augmentation with fat grafting	18,489	4,144 22%	5,200 28%	3,813 21%	3,084 17%	2,248 17%
Buttock implants	2,999	465 16%	415 14%	840 28%	690 23%	589 23%
Buttock lift	4,251	1,026 24%	1,379 32%	760 18%	603 14%	483 14%
Calf augmentation	419	122 29%	42 10%	116 28%	50 12%	89 12%
Cheek implant (malar augmentation)	13,197	2,448 19%	1,219 9%	2,611 20%	5,715 43%	1,204 43%
Chin augmentation (mentoplasty)	16,688	3,852 23%	2,444 15%	2,500 15%	1,840 11%	6,052 11%
Dermabrasion	88,182	10,923 12%	<b>26,582</b> 30%	19,185 22%	10,071 11%	21,421 11%
Ear surgery (otoplasty)	23,709	4,556 19%	4,554 19%	3,589 15%	3,772 16%	7,238 16%
Eyelid surgery (blepharoplasty)	<b>209,020</b>	<b>37,689</b> 18%	<b>28,509</b> 14%	<b>46,219</b> 22%	<b>25,399</b> 12%	<b>71,204</b> 12%
Facelift (rhytidectomy)	<b>131,106</b>	<b>25,957</b> 20%	15,382 12%	<b>29,874</b> 23%	18,783 14%	41,110 14%
Full Facelift	97,110	19,226 20%	11,393 12%	22,128 23%	13,913 14%	30,450 14%
Mini Facelift	33,996	6,731 20%	3,989 12%	7,746 23%	4,870 14%	10,660 14%
Forehead lift	43,038	6,886 16%	5,920 14%	7,416 17%	8,179 19%	14,637 19%
Hair transplantation	16,784	1,630 10%	1,664 10%	1,948 12%	7,785 46%	3,757 46%
Labiaplasty†	12,666	2,520 20%	2,046 16%	2,880 23%	1,620 13%	3,600 13%
Lip augmentation (other than injectable materials)	28,430	7,610 27%	4,799 17%	4,691 17%	5,720 20%	5,610 20%
Lip reduction	3,547	628 18%	1,263 36%	670 19%	515 15%	471 15%
Liposuction	<b>235,237</b>	<b>40,970</b> 17%	<b>30,580</b> 13%	<b>53,588</b> 23%	<b>36,466</b> 16%	<b>73,633</b> 16%
Lower body lift	11,299	3,354 30%	1,761 16%	1,218 11%	2,376 21%	2,590 21%
Neck lift	55,227	10,631 19%	6,665 12%	11,689 21%	8,557 15%	17,685 15%
Nose reshaping (rhinoplasty)	<b>223,018</b>	<b>64,726</b> 29%	<b>30,448</b> 14%	<b>27,800</b> 12%	<b>40,307</b> 18%	<b>59,737</b> 18%
Pectoral implants	1,153	180 16%	120 10%	323 28%	207 18%	323 18%
Thigh lift	9,929	2,416 24%	1,582 16%	1,404 14%	1,923 19%	2,604 19%
Tummy tuck (abdominoplasty)	127,633	25,249 20%	23,121 18%	21,834 17%	<b>21,271</b> 17%	<b>36,158</b> 17%
Upper arm lift	17,860	5,201 29%	2,475 14%	3,755 21%	2,451 14%	3,978 14%
<b>TOTAL COSMETIC SURGICAL PROCEDURES</b>	<b>1,780,987</b>	<b>340,076</b> 19%	<b>282,910</b> 16%	<b>332,330</b> 19%	<b>293,343</b> 16%	<b>532,328</b> 30%

## 2016 Plastic Surgery Statistics Report



All values are projected.  
†First year procedure is being reported

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, 2017

# 2016 Regional Distribution

Top 5 procedures appear in bold

COSMETIC MINIMALLY-INVASIVE PROCEDURES	TOTAL PROCEDURES	Region 1	Region 2	Region 3	Region 4	Region 5
Botulinum toxin type A (Botox®, Dysport®)***	<b>7,056,255</b>	<b>1,419,286</b> 20%	<b>939,665</b> 13%	<b>1,667,360</b> 24%	<b>1,001,908</b> 14%	<b>2,028,036</b> 29%
Cellulite treatment (e.g., Velosmooth®, Endermology)	30,995	6,899 22%	6,999 23%	6,252 20%	3,494 11%	7,351 24%
Chemical peel	<b>1,360,850</b>	<b>338,441</b> 25%	<b>203,957</b> 15%	<b>264,045</b> 19%	<b>122,620</b> 9%	<b>431,787</b> 32%
Injection lipolysis (e.g., Kybella®)†	55,660	10,300 19%	10,870 20%	11,700 21%	7,290 13%	15,500 28%
Intense pulsed light (IPL)	656,781	179,022 27%	101,255 15%	117,607 18%	58,339 9%	200,558 31%
Laser hair removal	<b>1,109,385</b>	<b>192,388</b> 17%	<b>146,418</b> 13%	<b>239,878</b> 22%	<b>171,924</b> 15%	<b>358,777</b> 32%
Laser skin resurfacing	586,662	116,754 20%	130,117 22%	93,156 16%	57,583 10%	<b>189,052</b> 32%
Laser treatment of leg veins	217,179	53,361 25%	22,720 10%	35,211 16%	24,015 11%	81,872 38%
Microdermabrasion	<b>775,014</b>	<b>194,312</b> 25%	<b>148,658</b> 19%	<b>160,838</b> 21%	<b>89,900</b> 12%	181,306 23%
Non-invasive fat reduction (e.g., Coolsculpting®, Liposonix®)†	333,082	68,453 21%	43,948 13%	77,198 23%	47,031 14%	96,452 29%
Non-surgical skin tightening (e.g., Pelleve®, Thermage®, Ulthera®)†	306,089	60,982 20%	42,144 14%	71,885 23%	41,313 13%	<b>89,765</b> 29%
Sclerotherapy	323,009	50,127 16%	37,474 12%	68,672 21%	119,919 37%	46,817 14%
Soft tissue fillers	<b>2,600,868</b>	<b>747,891</b> 29%	<b>338,797</b> 13%	<b>489,741</b> 19%	<b>275,511</b> 11%	<b>748,928</b> 29%
Acellular Dermal Matrix†	7,809	1,405 18%	1,657 21%	1,667 21%	991 13%	2,089 27%
Calcium hydroxylapatite (e.g., Radiesse®)	242,563	80,521 33%	36,072 15%	47,442 20%	36,652 15%	41,876 17%
Collagen	14,126	7,163 51%	947 7%	2,341 17%	1,636 12%	2,039 14%
Fat	79,208	13,629 17%	14,860 19%	18,744 24%	6,172 8%	25,803 33%
Hyaluronic acid (e.g., Juvederm Ultra®, Juvederm Ultra Plus®, Perlane®, Restylane®, Prevelle Silk®)	2,012,672	606,107 30%	243,308 12%	370,779 18%	169,441 8%	623,037 31%
Platelet-Rich Plasma (PRP)†	102,101	21,222 21%	13,201 13%	23,788 23%	14,801 14%	29,089 28%
Poly lactic acid (Sculptra®)	125,044	14,867 12%	27,816 22%	18,981 15%	44,679 36%	18,701 15%
Polymethyl-methacrylate microspheres (e.g., Artefill)	17,345	2,977 17%	936 5%	5,999 35%	1,139 7%	6,294 36%
<b>TOTAL COSMETIC MINIMALLY-INVASIVE PROCEDURES</b>	<b>15,411,829</b>	<b>3,438,216</b> 22%	<b>2,173,022</b> 14%	<b>3,303,543</b> 21%	<b>2,020,847</b> 13%	<b>4,476,201</b> 29%
<b>TOTAL COSMETIC PROCEDURES</b>	<b>17,192,816</b>	<b>3,778,292</b> 22%	<b>2,455,932</b> 14%	<b>3,635,873</b> 21%	<b>2,314,190</b> 13%	<b>5,008,529</b> 29%

RECONSTRUCTIVE PROCEDURES	TOTAL PROCEDURES	Region 1	Region 2	Region 3	Region 4	Region 5
Breast reconstruction	109,256	21,700 20%	18,269 17%	22,909 21%	23,212 21%	23,166 21%

## 2016 Plastic Surgery Statistics Report



**Region 1**

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



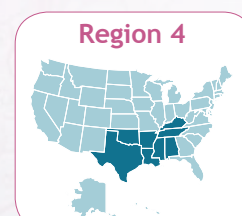
**Region 2**

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



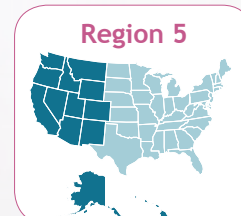
**Region 3**

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.

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

†First year procedure is being reported

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