

Multimedia Appendix 1. Overall Mean Ratings by Specialization for Physicians listed and not listed in

	Overall			Listed in Castle Connolly	
	Number of Physicians ^a	Mean Reviews per Physician	Rating Mean (SD)	Number of Physicians	Mean Reviews per Physician
Overall	24,579	9.1	3.85 (0.90)	622	8.57
Site					
Healthgrades.com	11,954	9.44	3.89 (0.91)	111	9.62
RateMDs.com	9,672	7.38	3.74 (0.91)	464	7.74
Vitals.com	2,953	13.38	4.09 (0.76)	47	14.28
Type of Specialty					
Allergists / Immunologists	743	7.82	3.91 (0.86)	13	6.15
Cardiologists	1,079	6.73	4.21 (0.77)	35	5.46
Dermatologists	1,692	10.47	3.76 (0.89)	33	11.33
Endocrinologists	1,273	12.17	3.64 (0.87)	35	9.11
ENT Doctors	310	7.42	3.75 (0.89)	22	6.68
Family Medicine	3,003	7.55	3.73 (0.92)	61	7.26
Gastroenterologists	1,577	9.47	3.79 (0.88)	52	8.21
General Surgeons	514	9.35	4.03 (0.83)	30	8.97
Gynecologists	1,164	10.21	3.68 (0.85)	37	8.16
Hematology and Oncology	323	7.61	3.94 (0.87)	23	6.7
Internal Medicine	1,680	8.62	3.92 (0.93)	10	8.4
Neurologists	795	9.28	3.85 (0.82)	56	11.14
Obstetrics and Gynecology	1,751	11.34	3.89 (0.88)	17	9.65
Ophthalmology	1,238	9.13	4.01 (0.84)	15	12.67
Orthopedic Surgeons	1,796	12.65	3.89 (0.86)	68	8.49
Pediatricians	886	6.36	3.91 (0.92)	26	7.31
Pulmonologists	124	6.65	3.71 (0.90)	9	4.22
Rheumatologists	153	9.69	3.77 (0.82)	15	11.73
Urology	286	8.66	3.77 (0.83)	21	9.95

Notes:

- a. Only physicians with 3 or more ratings were included and only specialties with more than 5 physicians
- b. Based on Mann Whitney test

1 Castle Connolly Medical.

Not Listed in Castle Connolly					
Rating Mean (SD)	Number of Physicians	Mean Reviews per Physician	Rating Mean (SD)	Difference in Mean Rating For Listed versus Not Listed (95% CI)	p-value ^b
3.94 (0.80)	23,957	9.12	3.85 (0.90)	0.09 (0.15,0.3)	0.0793
4.06 (0.72)	11,843	9.44	3.89 (0.91)	0.17 (0.30,0.03)	0.1043
3.88 (0.83)	9,208	7.36	3.73 (0.91)	0.15 (0.23,0.07)	0.0014
4.27 (0.61)	2,906	13.37	4.08 (0.76)	0.18 (0.40,-0.03)	0.1232
4.49 (0.39)	730	7.85	3.90 (0.86)	0.60 (0.84,0.36)	0.0146
4.02 (0.68)	1,044	6.77	4.21 (0.78)	-0.19 (0.07,-0.45)	0.0623
3.67 (0.79)	1,659	10.45	3.76 (0.89)	-0.09 (0.21,-0.40)	0.3701
3.70 (0.84)	1,238	12.26	3.64 (0.87)	0.06 (0.35,-0.23)	0.7338
3.79 (0.93)	288	7.48	3.75 (0.89)	0.04 (0.43,-0.35)	0.785
4.38 (0.51)	2,942	7.55	3.71 (0.92)	0.67 (0.80,0.53)	<.0001
3.96 (0.80)	1,525	9.51	3.79 (0.88)	0.17 (0.42,-0.07)	0.1854
4.05 (0.63)	484	9.37	4.03 (0.84)	0.03 (0.33,-0.28)	0.6327
3.53 (0.88)	1,127	10.28	3.69 (0.85)	-0.15 (0.13,-0.43)	0.2905
4.02 (1.06)	300	7.68	3.94 (0.86)	0.08 (0.45,-0.29)	0.3366
4.42 (0.30)	1,670	8.62	3.92 (0.94)	0.50 (0.72,0.28)	0.0525
3.94 (0.69)	739	9.14	3.84 (0.83)	0.10 (0.29,-0.09)	0.5561
3.85 (0.87)	1,734	11.36	3.89 (0.88)	-0.05 (0.38,0.47)	0.8403
4.07 (0.44)	1,223	9.09	4.01 (0.84)	0.06 (0.31,-0.19)	0.7812
3.81 (0.80)	1,728	12.81	3.89 (0.87)	-0.08 (0.13,-0.29)	0.2656
4.58 (0.64)	860	6.33	3.89 (0.92)	0.70 (0.96,0.43)	<.0001
3.75 (1.01)	115	6.84	3.71 (0.90)	0.04(0.66,-0.58)	0.9385
3.55 (0.48)	138	9.47	3.79 (0.85)	-0.24 (0.05,-0.54)	0.1
3.87 (0.73)	265	8.56	3.76 (0.84)	0.11 (0.48,-0.26)	0.6072

icians were included