

# EXHIBIT 5

## 2019 AIPLA Report of the Economic Survey Extracts

## Private Firm, Equity Partner

## Average hourly billing rate in 2018 (Q37)

Private Firm, Equity Partner

		Number of Individuals	Mean (Average)	10th Percentile 10%	First Quartile 25%	Median (Midpoint)	Third Quartile 75%	90th Percentile 90%
All Individuals		302	\$521	\$330	\$375	\$475	\$650	\$796
Years of IP Law Attorney Experience	7-9	9	\$356	ISD	\$325	\$370	\$390	ISD
	10-14	40	\$438	\$280	\$346	\$398	\$500	\$668
	15-24	119	\$505	\$325	\$375	\$448	\$650	\$750
	25-34	86	\$552	\$344	\$429	\$500	\$665	\$833
	35 or More	45	\$613	\$390	\$475	\$595	\$713	\$916
Location	Boston CMSA	13	\$747	\$369	\$450	\$800	\$1,015	\$1,080
	NYC CMSA	22	\$559	\$365	\$408	\$475	\$699	\$964
	Philadelphia CMSA	10	\$599	\$433	\$486	\$560	\$729	\$823
	Washington, DC CMSA	43	\$590	\$354	\$430	\$570	\$700	\$850
	Other East	10	\$462	\$314	\$365	\$461	\$513	\$691
	Metro Southeast	12	\$418	\$292	\$343	\$375	\$421	\$746
	Other Southeast	8	\$414	ISD	\$354	\$375	\$463	ISD
	Chicago CMSA	20	\$537	\$351	\$435	\$533	\$644	\$734
	Minne.-St. Paul PMSA	15	\$443	\$290	\$330	\$420	\$545	\$626
	Other Central	62	\$421	\$283	\$342	\$390	\$500	\$646
	Texas	19	\$534	\$400	\$406	\$460	\$650	\$800
	Los Angeles CMSA	13	\$586	\$336	\$440	\$575	\$675	\$978
	San Francisco CMSA	14	\$665	\$385	\$464	\$650	\$826	\$1,023
Other West	41	\$496	\$300	\$343	\$450	\$623	\$769	
IP Technical Specialization (>=50%)	Biotechnology	13	\$610	\$304	\$418	\$600	\$818	\$990
	Chemical	16	\$462	\$265	\$374	\$465	\$593	\$636
	Computer Hardware	5	\$521	ISD	\$313	\$395	\$793	ISD
	Computer Software	24	\$493	\$313	\$380	\$483	\$596	\$745
	Electrical	27	\$586	\$350	\$400	\$520	\$670	\$1,010
	Mechanical	63	\$480	\$337	\$360	\$450	\$570	\$700
	Medical/ Health Care	18	\$537	\$300	\$396	\$497	\$650	\$743
	Pharmaceutical	10	\$626	\$405	\$465	\$600	\$761	\$956
Other areas	3	\$450	ISD	ISD	\$450	ISD	ISD	
Age	35-39	14	\$451	\$245	\$313	\$365	\$655	\$708
	40-44	36	\$446	\$325	\$371	\$400	\$556	\$665
	45-49	46	\$502	\$329	\$368	\$439	\$600	\$822
	50-54	64	\$510	\$350	\$400	\$459	\$636	\$750
	55-59	65	\$550	\$300	\$365	\$500	\$675	\$958
	60 or Older	74	\$568	\$350	\$445	\$530	\$653	\$838
Gender	Male	257	\$525	\$334	\$375	\$482	\$650	\$785
	Female	42	\$486	\$277	\$350	\$425	\$631	\$814
Highest Non-Law Degree	Bachelor's Degree	212	\$516	\$330	\$375	\$471	\$650	\$785
	Master's Degree	62	\$542	\$333	\$400	\$500	\$650	\$814
	Doctorate Degree	24	\$520	\$310	\$379	\$464	\$669	\$880
Ethnicity	White/Caucasian	262	\$520	\$330	\$375	\$481	\$650	\$796
	Hispanic/Latino	4	\$624	ISD	\$445	\$638	\$789	ISD
	Asian/Pacific Islander	11	\$547	\$315	\$400	\$500	\$675	\$910
	Blended	5	\$510	ISD	\$325	\$450	\$725	ISD
	Other	8	\$535	ISD	\$338	\$450	\$733	ISD
Full-time Intellectual Property lawyers and agents in the firm or corporation	1-2	24	\$385	\$275	\$303	\$350	\$450	\$585
	3-5	43	\$408	\$257	\$350	\$400	\$460	\$595
	6-10	32	\$473	\$340	\$364	\$448	\$529	\$650
	11-25	56	\$460	\$340	\$376	\$428	\$519	\$633
	26-50	46	\$522	\$329	\$390	\$500	\$609	\$737
	51-100	47	\$607	\$350	\$430	\$577	\$750	\$960
	101-150	24	\$686	\$353	\$421	\$710	\$938	\$1,023
	More than 150	27	\$714	\$524	\$650	\$700	\$785	\$972

## 2019 AIPLA Report of the Economic Survey Extracts

## Total Costs: Litigation-Patent Infringement, All Varieties by Location

## Litigation-Patent Infringement, All Varieties \$10-\$25M Inclusive of discovery, motions, and claim construction (000s) by Location (Q47A)

	Location														
	Total	Boston CMSA	NYC CMSA	Phila CMSA	Wash, DC CMSA	Other East	Metro South-east	Other South-east	Chicago CMSA	Minne.-St. Paul PMSA	Other Central	Texas	L.A. CMSA	S.F. CMSA	Other West
Number of Respondents	72	4	4	2	6	1	5	1	3	4	10	7	10	4	11
Mean (Average)	\$1,623	\$563	\$630	ISD	\$1,575	ISD	\$1,180	ISD	\$1,500	\$1,538	\$805	\$1,234	\$3,330	\$2,750	\$1,947
10th Percentile 10%	\$315	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$160	ISD	\$1,970	ISD	\$136
First Quartile 25%	\$500	\$500	\$115	ISD	\$450	ISD	\$450	ISD	ISD	\$588	\$363	\$1,000	\$3,500	\$1,750	\$450
Median (Midpoint)	\$1,225	\$500	\$325	ISD	\$825	ISD	\$1,500	ISD	\$1,500	\$1,500	\$925	\$1,000	\$3,500	\$3,000	\$1,500
Third Quartile 75%	\$2,650	\$688	\$1,450	ISD	\$2,750	ISD	\$1,750	ISD	ISD	\$2,525	\$1,050	\$1,600	\$3,500	\$3,500	\$3,500
90th Percentile 90%	\$3,500	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$1,650	ISD	\$3,500	ISD	\$3,500

## Litigation-Patent Infringement, All Varieties \$10-\$25M Inclusive of pre-trial, trial, post-trial, and appeal (when applicable) (000s) by Location (Q47A)

	Location														
	Total	Boston CMSA	NYC CMSA	Phila CMSA	Wash, DC CMSA	Other East	Metro South-east	Other South-east	Chicago CMSA	Minne.-St. Paul PMSA	Other Central	Texas	L.A. CMSA	S.F. CMSA	Other West
Number of Respondents	73	4	4	2	6	1	5	1	3	5	10	7	10	4	11
Mean (Average)	\$3,093	\$2,700	\$1,500	ISD	\$3,025	ISD	\$3,250	ISD	\$2,000	\$3,010	\$1,148	\$2,857	\$5,850	\$3,750	\$3,585
10th Percentile 10%	\$600	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$232	ISD	\$4,650	ISD	\$224
First Quartile 25%	\$1,250	\$1,850	\$425	ISD	\$1,088	ISD	\$1,625	ISD	ISD	\$1,175	\$775	\$1,000	\$6,000	\$2,000	\$800
Median (Midpoint)	\$2,700	\$2,000	\$1,425	ISD	\$2,650	ISD	\$3,000	ISD	\$2,500	\$3,000	\$1,050	\$3,500	\$6,000	\$3,750	\$3,200
Third Quartile 75%	\$6,000	\$4,250	\$2,650	ISD	\$4,500	ISD	\$5,000	ISD	ISD	\$4,850	\$1,625	\$4,000	\$6,000	\$5,500	\$6,000
90th Percentile 90%	\$6,000	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$2,000	ISD	\$6,000	ISD	\$6,000

## Litigation-Patent Infringement, All Varieties \$10-\$25M Cost of mediation (000s) by Location (Q47A)

	Location														
	Total	Boston CMSA	NYC CMSA	Phila CMSA	Wash, DC CMSA	Other East	Metro South-east	Other South-east	Chicago CMSA	Minne.-St. Paul PMSA	Other Central	Texas	L.A. CMSA	S.F. CMSA	Other West
Number of Respondents	65	3	4	1	4	1	5	1	2	3	10	5	10	5	11
Mean (Average)	\$98	\$183	\$55	ISD	\$66	ISD	\$71	ISD	ISD	\$67	\$96	\$50	\$145	\$82	\$117
10th Percentile 10%	\$25	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$21	ISD	\$105	ISD	\$42
First Quartile 25%	\$50	ISD	\$23	ISD	\$43	ISD	\$28	ISD	ISD	ISD	\$29	\$25	\$150	\$29	\$70
Median (Midpoint)	\$80	\$25	\$40	ISD	\$63	ISD	\$100	ISD	ISD	\$50	\$50	\$25	\$150	\$100	\$150
Third Quartile 75%	\$150	ISD	\$103	ISD	\$94	ISD	\$100	ISD	ISD	ISD	\$104	\$88	\$150	\$125	\$150
90th Percentile 90%	\$150	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$378	ISD	\$150	ISD	\$190

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Total Costs: Litigation-Patent Infringement, All Varieties by Location

Litigation-Patent Infringement, All Varieties >\$25M Initial case management (000s) by Location (Q47Am)

	Location														
	Total	Boston CMSA	NYC CMSA	Phila CMSA	Wash, DC CMSA	Other East	Metro South-east	Other South-east	Chicago CMSA	Minne.- St. Paul PMSA	Other Central	Texas	L.A. CMSA	S.F. CMSA	Other West
Number of Respondents	69	5	4	2	5	1	4	1	4	4	8	6	11	3	11
Mean (Average)	\$378	\$260	\$90	ISD	\$220	ISD	\$99.4	ISD	\$605	\$419	\$84	\$382	\$636	\$450	\$299
10th Percentile 10%	\$50	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$500	ISD	\$28
First Quartile 25%	\$123	\$150	\$14	ISD	\$175	ISD	\$94	ISD	\$105	\$169	\$50	\$123	\$500	ISD	\$75
Median (Midpoint)	\$250	\$250	\$75	ISD	\$250	ISD	\$45.0	ISD	\$160	\$263	\$63	\$300	\$500	\$500	\$250
Third Quartile 75%	\$500	\$375	\$181	ISD	\$250	ISD	\$2,438	ISD	\$1,550	\$825	\$119	\$625	\$500	ISD	\$500
90th Percentile 90%	\$750	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$1,700	ISD	\$500

Litigation-Patent Infringement, All Varieties >\$25M Inclusive of discovery, motions, and claim construction (000s) by Location (Q47An)

	Location														
	Total	Boston CMSA	NYC CMSA	Phila CMSA	Wash, DC CMSA	Other East	Metro South-east	Other South-east	Chicago CMSA	Minne.- St. Paul PMSA	Other Central	Texas	L.A. CMSA	S.F. CMSA	Other West
Number of Respondents	70	5	4	2	5	1	4	1	4	4	8	6	11	4	11
Mean (Average)	\$3,043	\$2,860	\$1,213	ISD	\$2,930	ISD	\$1,850	ISD	\$3,750	\$3,000	\$1,394	\$1,798	\$5,909	\$4,000	\$3,335
10th Percentile 10%	\$500	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$5,200	ISD	\$172
First Quartile 25%	\$1,000	\$725	\$513	ISD	\$825	ISD	\$800	ISD	\$1,750	\$1,500	\$625	\$760	\$6,000	\$2,000	\$600
Median (Midpoint)	\$2,375	\$1,500	\$675	ISD	\$1,500	ISD	\$2,000	ISD	\$2,750	\$3,250	\$1,375	\$1,375	\$6,000	\$4,250	\$2,500
Third Quartile 75%	\$6,000	\$5,675	\$2,450	ISD	\$5,750	ISD	\$2,750	ISD	\$6,750	\$4,250	\$2,238	\$2,750	\$6,000	\$5,750	\$6,000
90th Percentile 90%	\$6,000	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$6,000	ISD	\$6,000

Litigation-Patent Infringement, All Varieties >\$25M Inclusive of pre-trial, trial, post-trial, and appeal (when applicable) (000s) by Location (Q47Ao)

	Location														
	Total	Boston CMSA	NYC CMSA	Phila CMSA	Wash, DC CMSA	Other East	Metro South-east	Other South-east	Chicago CMSA	Minne.- St. Paul PMSA	Other Central	Texas	L.A. CMSA	S.F. CMSA	Other West
Number of Respondents	72	5	4	2	5	1	4	1	4	5	8	6	11	4	12
Mean (Average)	\$5,184	\$5,500	\$2,463	ISD	\$4,830	ISD	\$5,000	ISD	\$7,250	\$3,740	\$1,919	\$3,508	\$9,182	\$4,750	\$5,979
10th Percentile 10%	\$930	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$8,200	ISD	\$525
First Quartile 25%	\$2,000	\$2,750	\$638	ISD	\$1,475	ISD	\$3,000	ISD	\$1,750	\$1,475	\$875	\$1,138	\$9,000	\$1,250	\$3,125
Median (Midpoint)	\$4,000	\$3,500	\$1,750	ISD	\$4,200	ISD	\$3,500	ISD	\$4,000	\$4,750	\$1,750	\$3,250	\$9,000	\$4,500	\$7,100
Third Quartile 75%	\$9,000	\$9,250	\$5,000	ISD	\$8,500	ISD	\$8,500	ISD	\$16,000	\$5,500	\$3,175	\$5,625	\$9,000	\$8,500	\$9,000
90th Percentile 90%	\$9,000	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$11,400	ISD	\$9,700

2019 AIPLA Report of the Economic Survey Extracts

Total Costs: Litigation-Defending Claims of Patent Infringement by Non-Practicing Entity by Location

Litigation-Defending Claims of Patent Infringement by Non-Practicing Entity \$10-\$25M Inclusive of discovery, motions, and daim construction (000s) by Location (Q47C)

	Location														
	Total	Boston CMSA	NYC CMSA	Phila CMSA	Wash, DC CMSA	Other East	Metro South-east	Other South-east	Chicago CMSA	Minne.- St. Paul PMSA	Other Central	Texas	LA. CMSA	S.F. CMSA	Other West
Number of Respondents	44	2	2	1	3	0	1	1	2	1	7	5	10	4	5
Mean (Average)	\$1,375	ISD	ISD	ISD	\$2,100	ISD	ISD	ISD	ISD	ISD	\$511	\$908	\$2,070	\$1,625	\$2,000
10th Percentile 10%	\$175	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$2,000	ISD	ISD
First Quartile 25%	\$613	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$150	\$520	\$2,000	\$1,125	\$2,000
Median (Midpoint)	\$1,500	ISD	ISD	ISD	\$1,000	ISD	ISD	ISD	ISD	ISD	\$250	\$1,000	\$2,000	\$1,750	\$2,000
Third Quartile 75%	\$2,000	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$1,000	\$1,250	\$2,000	\$2,000	\$2,000
90th Percentile 90%	\$2,000	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$2,630	ISD	ISD

Litigation-Defending Claims of Patent Infringement by Non-Practicing Entity \$10-\$25M Inclusive of pre-trial, trial, post-trial, and appeal (when applicable) (000s) by Location (Q47Ck)

	Location														
	Total	Boston CMSA	NYC CMSA	Phila CMSA	Wash, DC CMSA	Other East	Metro South-east	Other South-east	Chicago CMSA	Minne.- St. Paul PMSA	Other Central	Texas	LA. CMSA	S.F. CMSA	Other West
Number of Respondents	45	2	2	1	3	0	1	1	2	2	7	5	10	4	5
Mean (Average)	\$2,627	ISD	ISD	ISD	\$2,617	ISD	ISD	ISD	ISD	ISD	\$2,117	\$2,250	\$3,600	\$3,000	\$3,500
10th Percentile 10%	\$500	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$3,500	ISD	ISD
First Quartile 25%	\$1,000	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$500	\$750	\$3,500	\$1,625	\$3,500
Median (Midpoint)	\$3,000	ISD	ISD	ISD	\$1,250	ISD	ISD	ISD	ISD	ISD	\$600	\$2,750	\$3,500	\$3,500	\$3,500
Third Quartile 75%	\$3,500	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$2,000	\$3,500	\$3,500	\$3,875	\$3,500
90th Percentile 90%	\$4,000	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$4,400	ISD	ISD

Litigation-Defending Claims of Patent Infringement by Non-Practicing Entity \$10-\$25M Cost of mediation (000s) by Location (Q47Cl)

	Location														
	Total	Boston CMSA	NYC CMSA	Phila CMSA	Wash, DC CMSA	Other East	Metro South-east	Other South-east	Chicago CMSA	Minne.- St. Paul PMSA	Other Central	Texas	LA. CMSA	S.F. CMSA	Other West
Number of Respondents	40	2	1	0	3	0	1	1	1	0	7	5	10	4	5
Mean (Average)	\$101	ISD	ISD	ISD	\$75	ISD	ISD	ISD	ISD	ISD	\$56	\$124	\$147	\$58	\$150
10th Percentile 10%	\$25	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$123	ISD	ISD
First Quartile 25%	\$50	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$50	\$23	\$150	\$15	\$150
Median (Midpoint)	\$90	ISD	ISD	ISD	\$75	ISD	ISD	ISD	ISD	ISD	\$50	\$25	\$150	\$33	\$150
Third Quartile 75%	\$150	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$75	\$275	\$150	\$125	\$150
90th Percentile 90%	\$150	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	ISD	\$150	ISD	ISD

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