

## Supplementary material

Supplemental Table 1. Use of EUS over Time, stratified by sociodemographic and clinical variables

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>EUS, total</b>	180	240	330	405	495	570	621	637	736	779	865	969	703	777	800	841
<b>Total patients</b>	2440	2508	2629	2779	2814	2765	2778	2620	2617	2594	2626	2642	2508	2619	2630	2593
<b>SOCIODEMOGRAPHIC DATA</b>																
<b>Male EUS</b>	79	118	158	180	224	255	273	280	312	359	368	446	315	364	382	363
<b>Total Males</b>	1042	1080	1092	1209	1217	1215	1190	1146	1123	1109	1119	1179	1077	1188	1211	1191
<b>Female EUS</b>	101	122	172	225	271	315	348	357	424	420	497	523	388	413	418	478
<b>Total Females</b>	1398	1428	1537	1570	1597	1550	1588	1474	1494	1485	1507	1463	1431	1431	1419	1402
<b>Age 66-75 EUS</b>	106	145	200	228	265	288	319	308	351	392	413	469	307	373	331	399
<b>Total Age 66-75</b>	1374	1409	1404	1544	1604	1572	1608	1556	1560	1508	1525	1534	1461	1462	1500	1394
<b>Age 76+ EUS</b>	74	95	130	177	230	282	302	329	385	387	452	500	396	404	469	442
<b>Total Age 76+</b>	1066	1099	1225	1235	1210	1193	1170	1064	1057	1085	1101	1108	1047	1157	1130	1199
<b>Nonwhite EUS</b>	17	23	47	55	88	80	77	79	111	102	112	150	111	112	118	128
<b>Total Nonwhite</b>	362	362	428	447	453	438	455	394	402	405	423	440	418	395	431	416
<b>White EUS</b>	163	217	283	350	407	490	544	558	625	677	753	819	592	665	682	713
<b>Total White</b>	2078	2146	2201	2332	2361	2327	2323	2226	2215	2189	2203	2202	2090	2224	2199	2177
<b>Not Married EUS</b>	78	93	133	178	203	242	275	283	339	350	402	447	335	359	377	397
<b>Total Not Married</b>	1276	1269	1398	1387	1434	1401	1436	1360	1338	1356	1378	1338	1285	1273	1327	1268
<b>Married EUS</b>	102	147	197	227	292	328	346	354	397	429	463	522	368	418	423	444
<b>Total Married</b>	1164	1239	1231	1392	1380	1364	1342	1260	1279	1238	1248	1304	1223	1346	1303	1325
<b>Non-Metro EUS</b>	36	41	51	41	78	70	79	103	91	100	129	127	101	116	101	149
<b>Total Non-Metro</b>	422	445	453	471	465	432	463	480	417	403	389	405	372	395	380	423
<b>Metro EUS</b>	144	199	279	364	417	500	542	534	645	679	736	842	601	661	699	692
<b>Total Metro</b>	2018	2063	2176	2308	2348	2333	2315	2140	2200	2190	2237	2237	2135	2224	2250	2170
<b>Northeast EUS</b>	41	48	60	86	105	146	156	179	182	194	209	216	146	167	193	174
<b>Total Northeast</b>	527	541	568	627	624	613	595	592	578	583	594	558	510	581	585	537
<b>Southeast EUS</b>	32	43	82	66	99	107	108	139	120	143	167	191	157	174	157	196
<b>Total Southeast</b>	599	643	712	721	734	730	673	655	627	626	591	632	592	613	617	625
<b>Midwest EUS</b>	44	55	54	71	83	74	90	67	92	97	97	107	65	84	82	90
<b>Total Midwest</b>	361	373	349	383	365	338	413	317	330	318	324	310	300	344	316	322
<b>West Coast EUS</b>	63	94	134	182	208	243	267	252	342	345	392	455	335	352	368	381
<b>Total West Coast</b>	953	951	1000	1048	1091	1084	1097	1056	1082	1067	1117	1142	1106	1081	1112	1109
<b>High income zip EUS</b>	49	62	73	106	142	161	186	175	211	237	265	297	203	237	255	229
<b>Total High income zip</b>	525	542	577	644	675	640	663	644	643	649	656	698	659	711	743	668

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Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
High education zip EUS	36	44	86	87	117	120	134	110	154	150	169	206	147	159	60	177
Total High education zip	642	651	729	721	734	708	682	608	648	616	622	639	586	579	580	573
<i>CLINICAL CHARACTERISTICS</i>																
Locoregional and EUS	117	164	209	255	298	349	370	391	453	489	543	588	394	418	426	467
Total Locoregional	853	846	924	1052	1031	1007	1030	998	1007	1033	1025	1075	1001	1013	1003	1026
Distant and EUS	46	49	88	120	165	190	212	200	238	248	288	330	275	327	335	339
Total Distant	1218	1293	1365	1383	1477	1483	1463	1338	1351	1318	1360	1327	1305	1440	1458	1419
Charlson 0-1 EUS	144	193	271	325	387	424	454	362	422	432	492	534	440	474	478	523
Total Charlson 0-1	1854	1842	1938	2080	2086	2015	1977	1482	1512	1469	1506	1456	1369	1395	1389	1480
Charlson 2+ EUS	30	39	48	69	93	123	152	124	148	164	190	187	199	209	228	215
Total Charlson 2+	447	531	549	565	590	614	681	536	649	634	667	656	665	707	720	622
Pancreatic Head EUS	125	152	222	279	356	410	401	414	480	508	594	625	461	486	495	520
Total Pancreatic Head	1287	1296	1347	1486	1502	1419	1370	1297	1318	1322	1329	1313	1245	1285	1267	1299
Pancreatic Body/Tail EUS	55	88	108	126	139	160	220	223	256	271	271	344	242	291	305	321
Total Pancreatic Body/Tail	1153	1212	1282	1293	1312	1346	1408	1323	1299	1272	1297	1329	1263	1334	1363	1294
ERCP and EUS	126	185	221	271	321	386	379	361	446	470	506	543	417	453	439	432
Total ERCP	103	139	194	227	285	333	366	372	451	461	508	601	352	390	391	485
Total Chemotherapy	889	946	981	1054	1101	1104	1093	1040	1111	1074	1076	1159	1090	1180	1166	1380
Radiation and EUS	86	99	135	163	184	195	219	196	251	248	251	302	157	186	158	153

## Supplementary material

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Radiation	579	611	639	712	613	549	583	492	534	525	503	504	474	519	450	393
Surgery and EUS	42	68	76	77	106	126	148	133	146	192	204	230	86	116	112	114
Total Surgery	249	262	275	296	307	322	348	297	322	343	365	383	316	370	355	338

EUS = endoscopic ultrasound

High income = zip code in highest 25<sup>th</sup> percentile of median incomes, by census data

High education = zip code in highest 25<sup>th</sup> percentile of median education attainment, by census data