

2004 IPHC Stock Assessment Survey

Area 3B

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
5001	8/4	56° 00.00'	153° 36.18'	52	6.0	1,161	56	523	72	0	0	5
5002	8/4	55° 59.99'	153° 53.39'	64	6.1	461	32	253	41	0	20	0
5003	8/1	56° 00.00'	154° 13.28'	59	6.1	2,865	140	543	66	0	5	25
5004	8/1	56° 00.49'	154° 30.20'	205	6.0	44	2	0	0	110	0	5
5005	7/31	56° 00.00'	154° 47.96'	117	6.1	172	11	61	7	51	20	0
5006	7/31	56° 00.00'	155° 06.33'	31	6.0	186	14	587	77	0	210	0
5007	8/4	56° 10.00'	153° 36.12'	84	6.1	1,370	87	611	68	3	10	0
5008	8/3	56° 10.00'	153° 53.20'	122	6.0	2,911	181	458	48	20	0	0
5009	8/1	56° 09.99'	154° 11.06'	64	6.0	456	35	789	109	0	60	0
5010	8/2	56° 10.00'	154° 29.23'	49	6.1	2,977	125	707	85	0	35	0
5011	8/2	56° 10.00'	154° 47.04'	44	6.0	384	27	657	87	0	20	0
5013	7/31	56° 09.99'	155° 22.99'	19	4.4	1,197	65	460	60	0	0	0
5014	7/30	56° 10.00'	155° 40.97'	31	6.0	1,559	65	807	103	0	0	0
5015	8/3	56° 20.00'	153° 51.17'	47	6.1	1,111	75	941	118	0	0	0
5016	8/3	56° 20.01'	154° 10.18'	50	6.0	630	39	289	37	0	15	0
5017	8/2	56° 20.00'	154° 28.24'	32	6.0	679	39	298	39	0	5	0
5018	7/30	56° 20.00'	155° 21.87'	24	6.1	1,060	58	700	86	0	5	0
5020	7/30	56° 29.99'	155° 20.88'	27	6.1	937	52	795	108	0	25	0
5022	7/29	56° 40.01'	155° 02.32'	21	6.1	909	35	202	27	0	0	0
5026	7/29	56° 50.00'	154° 23.97'	32	6.1	2,119	72	579	74	0	71	0
5027	7/29	56° 50.00'	154° 41.84'	23	6.0	1,261	53	596	87	0	20	0
5028	7/29	56° 49.99'	154° 59.71'	39	6.0	1,676	74	322	43	0	109	0
5029	7/4	56° 50.01'	155° 17.97'	125	6.1	692	34	64	7	10	61	0
5032	7/2	57° 00.00'	154° 41.70'	22	6.0	2,087	76	461	71	0	0	0
5033	7/2	57° 00.00'	154° 58.86'	57	6.0	1,310	68	396	46	0	85	0
5037	7/2	57° 09.97'	154° 39.96'	31	6.1	1,273	54	558	79	0	0	0
5045	7/6	57° 20.00'	155° 52.14'	48	5.9	1,680	105	774	96	0	93	0
5047	7/7	57° 30.41'	155° 13.93'	142	6.0	766	33	41	5	54	20	0
5096	6/10	54° 50.03'	157° 33.05'	232	6.0	99	6	0	0	124	0	15
5098	6/9	54° 59.98'	157° 15.02'	107	6.0	767	48	256	29	25	35	0
5099	6/10	55° 00.01'	157° 32.01'	55	6.0	2,347	123	380	45	0	36	18
5100	6/10	54° 59.98'	157° 50.05'	45	6.0	2,963	132	834	105	0	89	25
5101	7/10	54° 59.92'	158° 07.50'	74	6.0	594	37	771	103	0	99	0
5102	6/7	55° 10.04'	156° 22.59'	273	5.9	0	0	0	0	89	0	10
5103	6/8	55° 09.82'	156° 39.01'	303	6.0	0	0	0	0	110	0	0
5104	6/8	55° 10.00'	156° 57.33'	85	5.9	1,091	71	358	44	5	162	0
5105	6/9	55° 10.07'	157° 14.02'	62	6.0	1,534	85	610	81	0	45	0
5106	6/9	55° 10.01'	157° 31.93'	47	6.0	1,416	79	1,626	223	0	35	0
5107	7/10	55° 10.01'	157° 48.89'	43	5.9	2,247	80	1,708	222	0	0	0
5108	7/10	55° 09.60'	158° 07.00'	56	6.0	1,644	96	1,768	240	0	0	0
5109	6/8	55° 20.00'	156° 39.02'	55	6.0	1,834	106	1,663	211	0	20	5
5110	6/8	55° 19.97'	156° 56.00'	51	5.9	2,236	123	1,100	143	0	74	0
5111	7/12	55° 20.00'	157° 14.01'	49	5.9	405	26	918	133	0	118	0
5112	7/11	55° 19.99'	157° 31.02'	47	6.0	847	47	1,873	259	0	5	0
5113	7/11	55° 19.95'	157° 49.02'	44	5.9	725	24	1,746	249	0	34	0
5114	7/9	55° 19.95'	158° 06.00'	60	5.9	1,693	86	1,735	232	0	0	0
5115	7/9	55° 20.04'	158° 24.00'	80	5.9	757	46	356	45	54	108	0
5116	7/13	55° 30.01'	156° 37.92'	99	5.9	1,857	102	287	33	59	103	0
5117	7/12	55° 30.00'	156° 54.91'	49	6.0	1,689	108	1,778	224	0	0	0
5118	7/12	55° 30.09'	157° 12.99'	47	6.0	1,131	62	1,554	206	0	40	0

¹ Standard skate = 1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.

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Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
5119	7/11	55° 30.02'	157° 31.10'	51	5.9	214	10	1,913	283	0	0	0
5120	7/11	55° 30.06'	157° 48.00'	53	5.9	1,305	69	1,334	185	0	0	0
5121	7/9	55° 30.00'	158° 06.00'	71	5.9	1,353	80	533	64	59	83	0
5122	7/9	55° 30.18'	158° 24.01'	80	5.9	663	33	463	68	29	54	0
5123	7/16	55° 39.95'	156° 55.03'	48	5.9	1,713	100	1,572	196	0	0	0
5124	7/16	55° 40.01'	157° 13.09'	46	6.0	495	24	1,413	210	0	0	0
5125	7/23	55° 40.03'	157° 29.99'	55	5.9	878	52	1,475	209	0	25	0
5126	7/22	55° 40.01'	157° 48.02'	74	6.0	1,668	99	904	112	0	69	0
5127	7/22	55° 39.99'	158° 06.01'	70	5.9	934	52	879	117	34	74	0
5128	7/21	55° 40.10'	158° 23.01'	71	6.0	1,676	97	1,142	149	10	20	0
5129	7/21	55° 39.98'	158° 41.05'	51	6.0	1,237	69	1,775	244	0	0	0
5130	7/23	55° 50.10'	157° 12.02'	56	6.0	702	46	1,447	184	0	64	0
5131	7/23	55° 50.05'	157° 29.98'	56	5.9	456	29	771	106	0	191	0
5132	7/22	55° 50.00'	157° 48.13'	67	6.0	1,185	66	765	105	0	45	0
5133	7/22	55° 50.02'	158° 05.00'	45	6.0	1,468	64	1,523	208	0	35	0
5134	7/21	55° 49.98'	158° 23.13'	59	6.0	2,278	107	1,014	129	10	0	0
5135	7/24	56° 00.11'	157° 29.00'	61	5.9	990	50	751	100	0	83	0
5136	8/1	55° 59.97'	157° 47.02'	67	6.0	276	19	1,293	173	0	30	0
5137	8/1	55° 59.94'	158° 05.00'	47	6.0	716	35	1,213	175	0	15	0
5138	8/1	56° 09.97'	157° 47.25'	87	3.3	1,159	48	270	33	0	82	20
5139	8/1	56° 10.41'	158° 04.99'	42	6.0	1,024	40	404	56	0	104	0
5140	8/2	56° 20.00'	158° 04.06'	39	6.0	995	41	266	37	0	15	0
5141	6/21	54° 30.11'	158° 59.97'	154	6.0	1,595	95	163	17	124	0	5
5142	6/20	54° 29.96'	159° 17.02'	82	6.0	690	39	219	29	22	109	0
5143	6/17	54° 30.00'	159° 34.38'	62	6.0	3,180	193	791	94	0	30	6
5144	6/17	54° 29.99'	159° 50.84'	66	6.0	218	14	426	63	0	34	0
5145	6/17	54° 30.01'	160° 09.07'	67	6.0	487	30	448	59	0	80	0
5146	6/14	54° 40.03'	158° 25.16'	104	6.0	2,290	137	536	63	95	25	0
5147	6/21	54° 39.97'	158° 42.03'	58	5.9	3,047	170	1,000	124	0	44	0
5148	6/21	54° 39.95'	159° 00.00'	51	6.0	4,347	229	931	120	0	75	5
5149	6/20	54° 40.00'	159° 17.07'	41	6.0	2,007	97	1,266	160	0	15	0
5150	6/20	54° 40.03'	159° 34.11'	34	6.0	2,202	86	575	78	0	64	50
5151	6/19	54° 40.00'	159° 52.25'	42	6.0	2,132	99	692	94	0	105	0
5152	6/19	54° 39.98'	160° 09.10'	50	6.0	1,741	87	743	97	0	93	0
5153	6/14	54° 50.01'	158° 07.26'	59	6.0	1,471	85	437	54	10	89	0
5154	6/14	54° 50.01'	158° 25.14'	110	6.0	2,144	112	95	12	165	5	0
5155	6/12	54° 50.02'	158° 42.25'	56	6.0	2,050	100	1,420	196	0	5	0
5156	6/12	54° 49.98'	159° 00.03'	40	6.0	1,705	80	903	136	0	45	0
5157	6/18	54° 49.98'	159° 52.20'	31	6.0	2,943	87	655	101	0	50	0
5158	6/19	54° 50.01'	160° 08.97'	38	6.0	2,563	112	621	96	0	30	0
5159	6/15	54° 50.11'	160° 25.91'	47	6.0	739	41	561	77	0	183	0
5160	6/13	55° 00.03'	158° 25.09'	115	6.0	1,160	58	64	8	175	0	0
5161	6/12	54° 59.92'	158° 41.98'	71	6.0	2,593	128	908	120	0	35	0
5162	6/12	54° 59.84'	158° 59.03'	47	6.0	1,144	37	447	65	0	75	0
5163	6/11	54° 59.08'	159° 15.89'	27	5.9	287	13	216	38	0	186	0
5164	6/15	55° 00.06'	160° 26.95'	64	6.0	2,008	107	1,000	128	0	45	0
5165	6/15	55° 00.00'	160° 44.09'	51	6.0	2,387	113	671	88	0	10	0
5166	6/13	55° 10.02'	158° 24.01'	102	5.8	1,347	74	211	25	43	19	0
5167	6/13	55° 10.00'	158° 41.95'	113	6.0	915	46	85	11	163	0	0
5168	6/11	55° 09.97'	158° 58.98'	78	6.0	2,574	147	814	99	0	50	0

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
5169	6/11	55° 10.00'	159° 16.93'	40	6.0	1,200	49	404	58	0	99	0
5170	6/10	55° 19.98'	158° 42.29'	103	6.0	819	45	99	11	54	0	0
5171	6/10	55° 19.99'	158° 58.74'	104	6.0	343	15	29	4	20	0	0
5172	6/7	55° 19.85'	159° 17.14'	99	6.0	1,111	56	82	9	0	0	0
5173	6/7	55° 19.99'	159° 33.96'	79	6.0	2,367	127	461	53	0	20	0
5174	6/7	55° 19.99'	159° 52.05'	47	6.0	1,627	84	554	76	0	30	0
5175	6/10	55° 29.98'	158° 41.02'	91	6.0	117	8	81	11	10	5	0
5176	6/6	55° 30.04'	158° 59.00'	62	6.0	2,110	109	859	113	0	20	0
5177	6/6	55° 29.81'	159° 17.02'	69	6.0	2,143	110	621	78	0	93	0
5178	6/4	55° 29.96'	159° 34.61'	93	6.0	2,014	81	152	19	0	69	0
5179	6/4	55° 29.98'	159° 52.27'	94	6.0	1,202	56	93	11	0	55	0
5181	6/6	55° 39.97'	158° 59.01'	86	6.0	1,960	94	196	22	5	94	0
5182	6/5	55° 40.03'	159° 16.99'	57	6.0	1,479	58	340	46	0	59	0
5183	6/4	55° 40.05'	159° 51.95'	71	5.9	3,069	131	386	48	0	20	0
5184	6/5	55° 50.02'	158° 58.99'	70	6.0	3,049	144	208	24	0	25	0
5185	6/5	55° 50.11'	159° 16.98'	30	5.9	1,151	55	309	39	0	83	0
5186	6/29	54° 00.00'	163° 14.97'	46	5.8	482	32	354	46	0	170	0
5187	6/29	54° 00.02'	163° 32.02'	55	5.8	45	2	265	40	0	92	0
5188	6/29	53° 59.99'	163° 49.09'	51	6.0	210	14	452	67	0	114	0
5189	6/21	54° 09.94'	161° 34.00'	77	6.0	332	19	376	54	45	45	0
5190	6/28	54° 09.90'	161° 51.00'	45	5.8	2,926	158	617	75	0	44	10
5191	6/28	54° 10.00'	162° 08.22'	46	5.9	2,476	116	341	43	0	118	5
5192	6/28	54° 10.02'	162° 25.12'	90	5.9	109	8	93	15	88	39	0
5193	6/29	54° 10.00'	163° 50.00'	49	5.9	604	39	717	109	0	108	0
5194	6/18	54° 20.00'	160° 08.28'	178	6.0	112	7	17	2	30	0	35
5195	6/19	54° 19.99'	160° 26.23'	70	6.0	1,274	75	905	126	0	104	0
5196	6/19	54° 19.98'	160° 43.17'	59	6.1	1,104	71	671	80	0	182	5
5197	6/20	54° 20.01'	161° 00.12'	71	5.8	839	56	535	71	0	102	0
5198	6/20	54° 20.01'	161° 16.95'	59	6.0	2,720	157	692	87	0	79	0
5199	6/21	54° 20.00'	161° 33.97'	79	6.0	686	44	439	62	0	94	0
5200	6/21	54° 19.96'	161° 51.00'	43	6.0	1,691	82	858	109	0	20	0
5201	6/27	54° 19.59'	162° 09.00'	32	6.0	1,498	53	751	108	0	0	0
5202	6/30	54° 19.98'	163° 17.08'	27	6.0	3,683	157	684	86	0	119	0
5203	6/30	54° 19.98'	163° 34.00'	60	5.9	922	60	973	132	0	167	0
5204	7/1	54° 19.99'	163° 50.98'	62	6.0	622	38	856	124	0	124	0
5205	7/2	54° 19.97'	164° 09.00'	52	5.9	359	20	549	86	0	88	0
5206	6/18	54° 29.98'	160° 26.11'	81	5.8	725	46	532	68	0	109	0
5207	6/18	54° 30.00'	160° 43.12'	76	6.0	516	29	360	47	0	163	0
5208	6/20	54° 29.98'	161° 00.04'	71	5.9	806	43	418	55	0	132	0
5209	6/20	54° 30.00'	161° 18.08'	66	6.0	1,242	64	530	76	0	25	0
5210	6/22	54° 30.06'	161° 35.01'	37	5.9	1,155	51	623	101	0	15	0
5211	6/22	54° 30.05'	161° 52.02'	78	5.9	1,205	63	281	34	0	0	0
5212	6/27	54° 30.02'	162° 08.95'	78	6.0	1,534	85	539	73	0	40	0
5213	6/27	54° 30.02'	162° 26.01'	80	6.0	2,010	107	399	50	0	40	0
5214	6/30	54° 29.99'	163° 18.03'	39	5.7	1,583	97	939	130	0	62	0
5215	7/1	54° 30.01'	163° 35.03'	54	6.0	784	41	823	128	0	30	0
5216	7/1	54° 30.01'	163° 53.03'	51	5.9	543	35	1,051	151	0	44	0
5217	7/2	54° 29.98'	164° 10.00'	51	6.0	978	64	850	114	0	104	0
5218	6/18	54° 40.01'	160° 26.01'	56	6.0	1,295	79	900	113	0	50	0
5219	6/17	54° 39.98'	160° 43.12'	53	6.0	2,824	148	663	81	0	69	0

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						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
5220	6/17	54° 40.00'	161° 01.08'	51	6.0	1,874	86	443	57	0	39	0
5221	6/16	54° 39.89'	161° 18.00'	74	6.1	1,389	74	616	80	0	61	0
5222	6/16	54° 40.01'	161° 35.03'	36	6.0	1,754	74	1,316	182	0	15	10
5223	6/22	54° 40.03'	161° 53.00'	32	5.9	385	19	237	34	0	15	0
5224	6/26	54° 40.02'	162° 43.94'	47	6.0	723	37	369	60	0	0	0
5225	6/17	54° 50.00'	160° 44.01'	55	6.0	485	31	571	82	0	75	0
5226	6/17	54° 49.94'	161° 01.00'	57	6.0	1,031	57	535	75	0	10	0
5227	6/16	54° 50.00'	161° 17.95'	57	5.9	1,126	51	558	77	0	20	0
5228	6/16	54° 50.02'	161° 35.96'	44	6.0	1,893	56	398	55	0	20	0
5229	6/26	54° 50.00'	162° 45.05'	27	6.0	874	44	629	98	0	0	0
5230	6/26	54° 50.01'	163° 03.02'	45	6.0	1,266	74	505	65	0	85	0
5231	6/15	54° 59.95'	161° 01.00'	51	6.0	1,260	51	275	38	0	10	0
5232	6/15	55° 00.00'	161° 19.12'	46	6.0	1,396	64	414	59	0	35	0
5233	6/15	55° 09.99'	161° 02.25'	57	6.0	1,497	72	186	24	0	105	0
5234	6/7	55° 19.94'	156° 03.00'	163	5.9	1,135	60	10	1	127	0	5
5235	6/7	55° 20.00'	156° 21.11'	95	6.0	3,476	184	456	51	5	84	0
5236	6/6	55° 30.01'	155° 45.03'	119	6.0	2,407	129	366	43	59	5	5
5237	6/6	55° 29.93'	156° 03.00'	110	6.0	1,734	94	788	96	64	119	0
5238	7/13	55° 30.02'	156° 19.87'	118	5.9	1,166	70	270	31	64	98	0
5239	6/5	55° 40.01'	155° 26.01'	99	5.9	1,656	87	567	72	0	98	5
5240	6/6	55° 39.58'	155° 44.13'	70	5.8	1,656	78	450	57	0	187	0
5241	6/6	55° 39.99'	156° 02.15'	127	5.8	1,509	86	161	17	150	19	0
5242	7/13	55° 40.00'	156° 18.98'	139	5.9	3,519	194	181	21	54	10	0
5243	7/13	55° 39.95'	156° 37.01'	131	5.8	3,337	179	204	22	39	10	0
5244	6/5	55° 50.00'	155° 06.90'	66	6.0	2,143	108	870	113	0	0	0
5245	6/5	55° 49.95'	155° 24.99'	27	6.0	345	19	825	112	0	36	0
5246	7/14	55° 49.99'	156° 01.04'	58	5.8	1,600	87	538	68	0	112	0
5247	7/15	55° 49.96'	156° 18.97'	131	6.0	953	52	137	17	40	0	0
5248	7/15	55° 50.01'	156° 36.20'	123	5.9	1,387	78	117	13	108	5	0
5249	7/16	55° 49.93'	156° 54.03'	71	5.9	964	53	711	84	0	137	0
5250	7/14	56° 00.02'	155° 42.20'	25	5.8	448	28	767	104	0	10	0
5251	7/14	55° 59.99'	156° 00.05'	43	6.0	1,257	63	885	119	0	30	0
5252	7/15	55° 59.96'	156° 18.01'	115	5.9	1,385	64	31	4	157	108	0
5253	7/15	55° 59.70'	156° 34.00'	105	5.9	3,403	172	195	21	39	78	0
5254	7/24	56° 00.02'	157° 11.06'	62	6.0	353	17	667	92	0	10	0
5256	7/26	56° 09.98'	156° 16.88'	127	6.0	1,710	78	37	4	59	109	0
5257	7/25	56° 10.05'	156° 35.01'	103	6.0	1,138	66	503	59	0	59	0
5258	7/25	56° 10.02'	156° 52.80'	45	5.9	544	24	514	75	0	44	0
5259	7/24	56° 09.99'	157° 11.05'	55	6.0	1,907	91	1,072	144	0	15	5
5260	7/24	56° 10.15'	157° 28.99'	84	6.0	1,769	106	688	82	0	20	0
5261	7/26	56° 20.00'	155° 58.20'	115	5.9	2,448	119	80	9	44	0	0
5262	7/26	56° 20.05'	156° 15.99'	154	6.0	1,208	61	119	13	55	5	0
5263	7/25	56° 20.01'	156° 34.13'	101	5.8	3,439	164	268	30	49	58	0
5264	7/28	56° 20.02'	156° 52.00'	63	5.7	768	36	634	86	0	5	0
5265	7/28	56° 20.44'	157° 10.01'	97	6.0	1,357	60	247	33	0	53	0
5266	8/2	56° 19.99'	157° 28.20'	36	6.0	1,438	62	1,064	155	0	0	0
5267	8/2	56° 19.99'	157° 45.84'	29	6.0	678	29	734	113	0	5	0
5268	7/27	56° 30.04'	155° 56.99'	134	5.7	1,355	56	69	8	66	5	0
5269	7/27	56° 30.04'	156° 14.98'	142	5.9	777	39	71	8	74	59	0
5270	8/4	56° 29.91'	156° 32.98'	107	6.0	2,153	99	119	15	79	20	0

¹ Standard skate =1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.

2004 IPHC Stock Assessment Survey

Area 3B

Station	Date Fished	North Latitude	West Longitude	Depth (F)	Skates Set ¹	Legal Halibut		Sublegal Halibut		Bycatch (numbers) ³		
						Lbs. ²	#'s	Lbs. ²	#'s	Sablefish	P. Cod	Rockfish
5271	7/28	56° 30.00'	156° 51.00'	54	6.0	802	48	1,310	188	0	0	0
5272	8/2	56° 30.02'	157° 27.79'	87	6.0	1,142	65	540	65	0	69	0
5273	7/27	56° 40.00'	156° 14.00'	117	5.9	2,081	119	154	18	74	5	0
5274	8/4	56° 40.01'	156° 32.08'	84	6.0	2,372	112	420	56	0	64	0
5275	8/3	56° 40.01'	156° 51.01'	57	5.9	984	51	383	51	0	10	0
5276	8/3	56° 39.92'	157° 08.98'	76	6.0	1,524	63	259	30	0	150	0
5277	8/5	56° 49.95'	156° 13.01'	106	6.0	2,211	100	200	23	35	50	0
5278	8/4	56° 50.02'	156° 31.99'	59	6.0	1,846	83	516	67	0	45	0
5279	8/3	56° 49.94'	156° 49.98'	63	6.0	1,706	86	351	44	0	115	0
5280	8/5	57° 00.02'	156° 13.03'	87	6.0	1,323	62	264	35	5	35	0
210	Total Effective Stations				Totals	294,290	14,993	126,594	16,888	3,349	10,380	278

¹ Standard skate =1,800' groundline with 16/0 circle hooks spaced every 18' on 24"-42" gangions.

² Weights are calculated from length-weight tables.

³ Bycatch numbers extrapolated from 20% subsample.