

Hasbrouck and Tindal Reading WCPM Norms (2005)

Benchmarks correlate to minimum wcpm needed to score a 3 on IRI for grades 1-3

		Fall	Winter	Spring		
Grade	%ile	wcpm	wcpm	wcpm	AWI	
1	90		81	111	1.9	
	85		68	101		
	80		55	90		
	75		47	82	2.2	
	70		39	76		
	65		34	70		
	60		29	64		
	55		26	59		
	50		23	53	1.9	benchmark
	45		20	48		
	40		18	43		
	35		16	38		
	30		14	33		
	25		12	28	1.0	
	20		10	24		
	15		8	19		
10		6	15	0.6		
2	90	106	125	142	1.1	
	85	96	116	133		
	80	86	107	124		
	75	79	100	117	1.2	
	70	72	94	111		
	65	68	89	106		
	60	62	84	100		
	55	56	78	95		
	53	54	76	92		benchmark
	50	51	72	89	1.2	
	45	46	67	84		
	40	41	61	79		
	35	36	55	74		
	30	30	49	68		
	25	25	42	61	1.1	
	20	20	33	54		
15	16	26	43			
10	11	18	31	0.6		

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Grade	%ile	Fall wcpm	Winter wcpm	Spring wcpm	AWI
3	90	128	146	162	1.1
	85	118	137	153	
	80	107	127	143	
	75	99	120	137	1.2
	70	92	113	130	
	65	87	108	124	
	60	82	102	118	
	56	79	99	110	benchmark
	55	77	97	109	
	50	71	92	107	1.1
	45	66	87	102	
	40	61	82	96	
	35	56	76	91	
	30	50	69	85	
	25	44	62	78	1.1
	20	37	54	70	
	15	34	45	55	
	10	31	36	48	0.8
4	90	145	166	180	1.1
	85	136	156	170	
	80	126	146	160	
	75	119	139	152	1.0
	70	113	133	146	
	65	105	128	140	
	60	103	122	134	
	55	99	117	129	
	50	94	112	123	0.9 benchmark
	45	89	108	118	
	40	84	103	113	
	35	79	98	108	
	30	74	93	103	
	25	68	87	98	0.9
	20	62	80	91	
	15	54	71	82	
	10	45	61	72	0.8

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		Fall	Winter	Spring	
Grade	%ile	wcpm	wcpm	wcpm	AWI
5	90	166	182	194	0.9
	85	157	173	185	
	80	147	163	175	
	75	139	156	168	0.9
	70	132	150	161	
	65	127	144	156	
	60	121	137	150	
	55	116	132	144.5	
	50	110	127	139	0.9 benchmark
	45	105	122	133	
	40	101	116	127	
	35	96	11	121	
	30	91	105	115	
	25	85	99	109	0.8
	20	79	92	101	
	15	70	83	92	
	10	61	74	83	0.7
6	90	177	195	204	0.7
	85	169	185	195	
	80	160	175	185	
	75	153	167	177	0.7
	70	148	162	171	
	65	143	156	166	
	60	137	150	161	
	55	132	145	156	
	50	127	140	150	0.7 benchmark
	45	121	135	145	
	40	115	130	140	
	35	110	124	135	
	30	104	118	129	
	25	98	111	122	0.8
	20	91	104	114	
	15	80	93	104	
	10	68	82	93	0.8

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		Fall	Winter	Spring	
Grade	%ile	wcpm	wcpm	wcpm	AWI
7	90	180	192	202	0.7
	85	171	183	193	
	80	162	173	184	
	75	156	165	177	0.7
	70	150	158	171	
	65	144	153	166	
	60	138	147	160	
	55	133	142	155	
	50	128	136	150	0.7 benchmark
	45	123	132	145	
	40	118	127	140	
	35	113	122	135	
	30	107	116	129	
	25	101	109	123	0.7
	20	95	103	116	
	15	87	96	104	
10	79	88	98	0.6	
8	90	185	199	198	0.4
	85	177	190	191	
	80	168	180	183	
	75	161	173	177	0.5
	70	155	166	171	
	65	150	161	166	
	60	145	155	161	
	55	139	151	156	
	50	133	146	151	0.6 benchmark
	45	129	141	147	
	40	124	135	142	
	35	118	129	136	
	30	112	123	130	
	25	106	115	124	0.6
	20	98	107	116	
	15	88	96	107	
10	77	84	97	0.6	