

Leslie McFall, *The Enigma of the Hebrew Verbal System* (The Almond Press, 1992), App. 1

Table 1 weqatal forms

BOOKS	Past	Present	Future	Non-Past Modal	Past Modal	Imperative	Juss/Cohort	Non-Verbal	TOTALS
Gen	17	26	125	7	5	15	12	1	208
Ex	29	7	227	21	1	254	5	24	568
Lev	8	24	89	41	-	520	6	25	713
Num	22	28	68	23	3	247	4	24	419
Dtr	10	54	141	112	2	248	2	55	624
Jos	5	85	34	18	-	38	-	5	185
Jud	14	2	43	14	-	19	1	6	99
1 Sam	44	4	78	30	-	38	9	7	210
2 Sam	25	4	43	23	-	14	2	4	115
1 Kg	22	5	69	28	-	52	5	7	188
2 Kg	36	3	41	5	4	26	-	1	116
Isa	28	57	371	5	-	5	3	18	487
Jer	35	38	413	9	8	46	4	6	559
Ezek	31	46	627	33	11	66	1	14	829
Hos	2	3	60	1	-	-	-	1	67
Joe	1	2	23	2	-	-	-	1	29
Amo	8	7	80	3	1	-	-	2	101
Ob	-	-	15	-	-	-	-	-	15
Jon	-	1	-	2	-	-	-	-	3
Mic	-	10	45	-	1	-	-	1	57
Nah	2	2	9	2	-	-	-	2	17
Hab	-	3	1	-	-	-	-	-	4
Zep	-	-	21	2	-	-	-	3	26
Hag	5	-	8	1	-	1	-	-	15
Zec	-	-	120	7	-	6	-	16	149
Mal	-	13	25	1	-	3	1	2	45
Pss	20	18	16	5	2	3	4	2	70
Prv	7	21	8	-	11	4	-	-	51
Job	12	23	14	-	1	1	-	-	51
S-S	1	3	-	1	-	-	-	-	5
Rut	2	1	4	1	-	16	2	-	26
Lam	3	-	1	-	2	1	-	-	7
Ecc	23	14	-	-	5	-	3	3	48
Est	8	4	-	1	1	-	3	-	17
Dan	16	1	71	-	1	-	-	-	89
Ezr	5	2	-	2	-	-	-	-	9
Neh	7	6	7	1	2	-	1	-	24
1 Ch	11	1	19	3	1	5	-	2	42
2 Ch	25	27	16	1	1	19	2	-	91
Totals	484	545	2,932	405	63	1,647	70	232	6,378

Table 2 qtl forms

	BOOKS	Past	Present	Future	Non-Past Modal	Past Modal	Imperative	Juss/Cohort	Non-Verbal	
Gen		804	58	6	4	11	2	5	1	891
Ex		463	29	7	1	1	-	-	2	503
Lev		158	12	6	9	1	1	-	3	190
Num		369	32	1	6	10	-	-	1	419
Dtr		486	35	5	3	5	1	-	1	536
Jos		400	23	2	2	1	-	-	1	429
Jud		410	23	6	2	6	1	-	-	448
1 Sam		577	41	4	2	3	-	-	2	629
2 Sam		447	43	1	4	3	-	-	3	501
1 Kg		593	44	3	1	2	-	-	3	646
2 Kg		570	61	3	4	2	-	-	4	644
Isa		646	300	57	2	7	3	3	8	1,026
Jer		969	361	46	1	7	-	3	7	1,394
Ezek		567	240	31	4	8	3	3	4	860
Hos		99	44	7	-	-	-	1	4	155
Joe		36	30	1	-	-	-	-	-	67
Amo		56	34	1	-	-	-	-	-	91
Ob		16	1	1	-	-	-	-	-	18
Jon		29	4	-	-	-	-	-	-	33
Mic		27	19	4	1	1	-	-	1	53
Nah		11	21	1	1	-	-	-	-	34
Hab		21	11	3	-	-	-	-	-	35
Zep		17	15	3	-	-	-	-	1	36
Hag		15	11	-	-	-	-	-	-	26
Zec		70	44	7	1	-	-	-	3	125
Mal		33	38	-	1	-	-	-	1	73
Pss		715	344	29	5	16	3	10	26	1,148
Prv		70	114	5	-	3	-	1	3	196
Job		252	244	5	1	8	-	3	4	517
S-S		61	32	-	-	1	-	1	9	104
Rut		58	3	-	-	3	-	1	-	65
Lam		184	56	3	-	1	3	1	10	258
Ecc		121	27	2	-	1	-	2	2	155
Est		139	7	-	-	6	-	-	-	152
Dan		93	5	3	-	-	-	-	-	101
Ezr		72	2	-	-	-	-	2	-	76
Neh		223	5	-	-	1	-	-	1	230
1 Ch		357	13	-	1	3	-	-	1	375
2 Ch		596	28	2	-	4	-	2	3	635
Totals		10,830	2,454	255	56	115	17	38	109	13,874

Table 3 wayyiqtol forms

	BOOKS	Past	Present	Future	Non-Past Modal	Past Modal	Imperative	Juss/Cohort	Non-Verbal	
Gen		2,096	3	-	3	2	-	7	1	2,112
Ex		855	3	2	-	-	-	-	30	890
Lev		188	-	-	-	-	-	-	1	189
Num		730	2	-	1	-	-	-	15	748
Dtr		239	8	1	-	1	-	-	7	256
Jos		564	7	-	1	-	-	-	22	594
Jud		1,110	1	-	1	1	-	-	23	1,136
1 Sam		1,263	4	-	2	-	-	1	46	1,316
2 Sam		1,020	3	-	-	-	-	-	36	1,059
1 Kg		995	5	-	-	-	-	-	37	1,037
2 Kg		1,162	2	-	1	-	-	2	49	1,216
Isa		192	49	5	1	3	-	2	4	256 M. off by 4
Jer		451	20	2	-	1	-	1	5	480
Ezek		458	18	9	-	5	-	5	20	515
Hos		39	3	1	-	-	-	-	-	43
Joe		7	-	-	-	-	-	-	-	7
Amo		24	4	-	-	-	-	-	1	29
Ob		-	-	-	-	-	-	-	-	-
Jon		81	-	-	-	-	-	-	3	84
Mic		3	1	1	-	-	-	1	-	6
Nah		1	3	-	-	-	-	-	-	4
Hab		4	9	-	-	-	-	-	2	15
Zep		2	-	-	-	-	-	-	-	2
Hag		13	-	-	-	-	-	-	3	16
Zec		100	1	-	-	-	-	-	14	115
Mal		7	2	-	-	-	-	-	-	9
Pss		245	66	9	2	1	-	6	3	332
Prv		11	20	-	-	-	-	-	-	31
Job		172	63	-	-	3	-	-	20	258
S-S		2	-	-	-	-	-	2	-	4
Rut		132	-	-	-	-	-	-	1	133
Lam		22	7	-	-	-	-	-	-	29
Ecc		3	-	-	-	-	-	-	-	3
Est		157	-	-	-	-	-	-	4	161
Dan		96	-	-	-	-	-	1	2	99
Ezr		84	-	-	-	-	-	2	-	86
Neh		249	-	-	-	1	-	2	5	257
1 Ch		460	2	-	-	-	-	1	8	471
2 Ch		965	2	-	-	-	-	4	5	976
Totals		14,202	308	30	12	18	-	37	367	14,974 M. off by 2

M. off by 2

Table 4 yiqtol forms

BOOKS									
	Past	Present	Future	Non-Past Modal	Past Modal	Imperative	Juss/Cohort	Non-Verbal	
Gen	25	88	290	34	24	47	15	-	523
Ex	30	47	373	66	3	211	17	7	754
Lev	9	86	52	197	6	523	1	14	888
Num	32	96	111	82	7	290	15	5	638
Dtr	30	115	238	200	3	349	17	12	964
Jos	8	18	68	30	1	48	8	3	184
Jud	18	30	79	36	1	33	17	-	214
1 Sam	31	52	169	66	1	34	35	5	393
2 Sam	48	48	108	46	4	16	46	3	319
1 Kg	37	18	141	42	-	48	30	3	319
2 Kg	26	19	107	17	4	47	20	1	241
Isa	48	375	760	49	17	54	57	6	1,366
Jer	26	251	562	29	30	80	42	7	1,027
Ezek	45	98	573	35	25	28	10	22	836
Hos	11	53	129	20	3	7	4	3	230
Joe	1	22	25	1	1	3	6	-	59
Amo	5	28	70	15	2	6	-	1	127
Ob	2	-	10	1	10	-	-	-	23
Jon	2	2	6	3	2	-	4	-	19
Mic	-	31	90	1	1	6	3	1	133
Nah	2	8	22	3	-	-	-	1	36
Hab	12	27	25	1	2	2	-	1	70
Zep	1	6	41	3	-	-	1	-	52
Hag	-	3	6	2	-	1	-	-	12
Zec	1	23	99	13	-	6	9	2	153
Mal	-	5	20	7	1	1	2	1	37
Pss	163	621	523	96	53	115	259	21	1,851
Prv	4	391	201	16	25	90	29	1	757
Job	88	561	235	52	96	8	55	20	1,115
S-S	7	20	11	-	13	1	4	3	59
Rut	2	18	16	11	5	11	5	1	69
Lam	7	23	11	-	8	5	7	3	64
Ecc	3	108	48	5	19	16	6	1	206
Est	10	8	14	1	7	3	15	1	59
Dan	2	4	80	-	5	3	3	1	98
Ezr	3	1	4	2	3	3	6	-	22
Neh	9	13	31	3	15	8	11	1	91
1 Ch	8	10	38	7	11	7	10	1	92
2 Ch	18	49	65	8	15	23	20	1	199
Totals	774	3,376	5,451	1,200	423	2,133	789	153	14,299

Table 5 weyiqtol forms

BOOKS	Past	Present	Future	Non-Past Modal	Past Modal	Imperative	Juss/Cohort	Non-Verbal	
Gen	-	9	46	18	-	-	9	-	82
Ex	-	2	11	30	-	3	3	11	60
Lev	-	1	2	-	-	1	-	2	6
Num	-	1	9	13	-	-	9	4	36
Dtr	-	4	15	16	-	1	9	-	45
Jos	-	-	3	2	-	1	2	2	10
Jud	-	-	5	14	-	1	10	2	32
1 Sam	-	-	16	20	-	-	16	1	53
2 Sam	4	-	7	15	-	-	12	-	38
1 Kg	1	1	9	14	-	-	11	3	39
2 Kg	3	1	6	20	-	-	17	-	47
Isa	27	28	43	22	6	3	15	2	146
Jer	-	16	35	10	3	3	19	-	86
Ezek	-	6	13	6	-	-	1	1	27
Hos	2	1	20	4	-	-	2	1	30
Joe	-	-	-	-	-	-	2	1	3
Amo	-	1	2	1	-	-	1	-	5
Ob	-	-	-	-	-	-	-	-	-
Jon	-	-	1	2	-	-	3	-	6
Mic	1	-	8	2	-	-	4	-	15
Nah	-	-	-	-	-	-	-	-	-
Hab	1	5	4	-	-	-	-	-	10
Zep	-	-	4	-	-	-	-	-	4
Hag	-	-	-	2	-	-	-	-	2
Zec	3	-	6	1	1	-	-	-	11
Mal	-	-	2	2	1	-	-	1	6
Pss	9	35	72	33	9	6	58	-	222
Prv	-	11	19	3	3	-	3	-	39
Job	12	52	26	6	22	1	4	-	123
S-S	-	-	1	2	-	-	1	-	4
Rut	-	1	-	4	-	-	1	-	6
Lam	-	2	2	2	1	-	2	1	10
Ecc	1	11	1	-	-	-	2	-	15
Est	-	-	7	-	-	-	4	-	11
Dan	1	1	28	-	-	2	3	2	37
Ezr	1	-	-	-	-	-	2	-	3
Neh	5	-	1	4	2	-	4	-	16
1 Ch	-	1	2	8	-	-	3	-	14
2 Ch	-	5	12	9	3	-	7	-	36
Totals	71	195	438	285	51	22	239	34	1,335

M. off by 20

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	Table 1 וְקָטַל forms	Table 2 קָטַל forms	Table 3 וַיִּקְטַל forms	Table 4 יִקְטַל forms	Table 5 וַיִּקְטַל forms	Total	וְהָיָה forms	וְקָטַל forms	קָטַל forms	וַיִּקְטַל forms	יִקְטַל forms	וַיִּקְטַל forms
1 Gen	208	891	2,112	523	82	3,816	235	5%	23%	55%	14%	2%
2 Ex	568	503	890	754	60	2,775	131	20%	18%	32%	27%	2%
3 Lev	713	190	189	888	6	1,986	86	36%	10%	10%	45%	0%
4 Num	419	419	748	638	36	2,260		19%	19%	33%	28%	2%
5 Dtr	624	536	256	964	45	2,425		26%	22%	11%	40%	2%
6 Jos	185	429	594	184	10	1,402		13%	31%	42%	13%	1%
7 Jud	99	448	1,136	214	32	1,929		5%	23%	59%	11%	2%
8 1 Sam	210	629	1,316	393	53	2,601		8%	24%	51%	15%	2%
9 2 Sam	115	501	1,059	319	38	2,032		6%	25%	52%	16%	2%
10 1 Kg	188	646	1,037	319	39	2,229		8%	29%	47%	14%	2%
11 2 Kg	116	644	1,216	241	47	2,264		5%	28%	54%	11%	2%
12 Isa	487	1,026	256	1,366	146	3,281		15%	31%	8%	42%	4%
13 Jer	559	1,394	480	1,027	86	3,546		16%	39%	14%	29%	2%
14 Ezek	829	860	515	836	27	3,067		27%	28%	17%	27%	1%
15 Hos	67	155	43	230	30	525		13%	30%	8%	44%	6%
16 Joe	29	67	7	59	3	165		18%	41%	4%	36%	2%
17 Amo	101	91	29	127	5	353		29%	26%	8%	36%	1%
18 Ob	15	18	0	23	0	56		27%	32%	0%	41%	0%
19 Jon	3	33	84	19	6	145		2%	23%	58%	13%	4%
20 Mic	57	53	6	133	15	264		22%	20%	2%	50%	6%
21 Nah	17	34	4	36	0	91		19%	37%	4%	40%	0%
22 Hab	4	35	15	70	10	134		3%	26%	11%	52%	7%
23 Zep	26	36	2	52	4	120		22%	30%	2%	43%	3%
24 Hag	15	26	16	12	2	71		21%	37%	23%	17%	3%
25 Zec	149	125	115	153	11	553		27%	23%	21%	28%	2%
26 Mal	45	73	9	37	6	170		26%	43%	5%	22%	4%
27 Pss	70	1,148	332	1,851	222	3,623		2%	32%	9%	51%	6%
28 Prv	51	196	31	757	39	1,074		5%	18%	3%	70%	4%
29 Job	51	517	258	1,115	123	2,064		2%	25%	13%	54%	6%
30 S-S	5	104	4	59	4	176		3%	59%	2%	34%	2%
31 Rut	26	65	133	69	6	299		9%	22%	44%	23%	2%
32 Lam	7	258	29	64	10	368		2%	70%	8%	17%	3%
33 Ecc	48	155	3	206	15	427		11%	36%	1%	48%	4%
34 Est	17	152	161	59	11	400		4%	38%	40%	15%	3%
35 Dan	89	101	99	98	37	424		21%	24%	23%	23%	9%
36 Ezz	9	76	86	22	3	196		5%	39%	44%	11%	2%
37 Neh	24	230	257	91	16	618		4%	37%	42%	15%	3%
38 1 Ch	42	375	471	92	14	994		4%	38%	47%	9%	1%
39 2 Ch	91	635	976	199	36	1,937		5%	33%	50%	10%	2%

	weqatal forms	qatal forms	vayyiqtol forms	yiqtol forms	weyiqtol forms
1 Gen	5%	23%	55%	14%	2%
2 Ex	20%	18%	32%	27%	2%
3 Lev	36%	10%	10%	45%	0%
4 Num	19%	19%	33%	28%	2%
5 Dtr	26%	22%	11%	40%	2%
6 Jos	13%	31%	42%	13%	1%
7 Jud	5%	23%	59%	11%	2%
8 1 Sam	8%	24%	51%	15%	2%
9 2 Sam	6%	25%	52%	16%	2%
10 1 Kg	8%	29%	47%	14%	2%
11 2 Kg	5%	28%	54%	11%	2%
12 Isa	15%	31%	8%	42%	4%
13 Jer	16%	39%	14%	29%	2%
14 Ezek	27%	28%	17%	27%	1%
15 Hos	13%	30%	8%	44%	6%
16 Joe	18%	41%	4%	36%	2%
17 Amo	29%	26%	8%	36%	1%
18 Ob	27%	32%	0%	41%	0%
19 Jon	2%	23%	58%	13%	4%
20 Mic	22%	20%	2%	50%	6%
21 Nah	19%	37%	4%	40%	0%
22 Hab	3%	26%	11%	52%	7%
23 Zep	22%	30%	2%	43%	3%
24 Hag	21%	37%	23%	17%	3%
25 Zec	27%	23%	21%	28%	2%
26 Mal	26%	43%	5%	22%	4%
27 Pss	2%	32%	9%	51%	6%
28 Prv	5%	18%	3%	70%	4%
29 Job	2%	25%	13%	54%	6%
30 S-S	3%	59%	2%	34%	2%
31 Rut	9%	22%	44%	23%	2%
32 Lam	2%	70%	8%	17%	3%
33 Ecc	11%	36%	1%	48%	4%
34 Est	4%	38%	40%	15%	3%
35 Dan	21%	24%	23%	23%	9%
36 Ezr	5%	39%	44%	11%	2%
37 Neh	4%	37%	42%	15%	3%
38 1 Ch	4%	38%	47%	9%	1%
39 2 Ch	5%	33%	50%	10%	2%