

ALL-DIAGONAL 4-SQUARES WITH COMMON WORDS

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This last article in the series deals with 4-letter words, which tend to be the most common in use. In the top 87,000 words, there are 5356 of four letters, including 462 reversible words and 24 palindromic words. From these, it was possible to make 5261 squares. Those for this article were chosen in a very simple-minded fashion, for example for the first square: SUMS is in the top 5,000, USED is in the top 1,000, MEAL is in the top 3,000, and SDLP [principal political party of the nationalist (Catholic) community in Northern Ireland] is in the top 15,000. Adding the thousands together gives 24, and adding in the diagonals gives another 30, for a total of 54. The squares with the smallest such totals were chosen, and are listed with their totals. Often in articles, I avoid acronyms, but these are clearly important acronyms — you might say indispensable for modern times. For once, I give no sourcing information, since all words should be in most dictionaries. If in doubt, the words are sure to be on the Internet: the SDLP appears 693,000 times on Google, and even the accounting standards series SSAP appears 341,000 times. Following each square is the NE (=SW) diagonal, then the diagonals from the NW and SE.

S U M S	R I B S	C A R P	D O T S	P I P S
U S E D	I E E E	A R E A	O N E S	I E E E
M E A L	B E E N	R E A L	T E A R	P E T E
S D L P	S E N D	P A L M	S S R S	S E E S
SEES	SEES	PEEP	SEES	SEES
SSAP	REED	CRAM	DNAS	PETS
PASS 54	DEER 76	MARC 80	SAND 90	STEP 95
C A M P	W I T S	S O D S	D O N S	T A B S
A R E A	I A E A	O W E D	O N E S	A R E A
M E A L	T E R N	D E A L	N E A R	B E A N
P A L M	S A N D	S D L P	S S R S	S A N D
PEEP	SEES	SEES	SEES	SEES
CRAM	WARD	SWAP	DNAS	TRAD
MARC 72	DRAW 76	PAWS 88	SAND 92	DART 95
S O N S	D O G S	T R A M	M I N D	P I T S
O W E D	O N E S	R O M E	I A E A	I A E A
N E A L	G E A R	A M P S	N E I L	T E S T
S D L P	S S R S	M E S S	D A L L	S A T S
SEES	SEES	MMMM	DEED	SEES
SWAP	DNAS	TOPS	MAIL	PASS
PAWS 75	SAND 79	SPOT 89	LIAM 92	SSAP 96

P I S S I A E A S E N T S A T S SEES PANS SNAP 98	S U S S U S E D S E A L S D L P SEES SSAP PASS 101	B A S S A R E A S E A N S A N G SEES BRAG GAR B 103	T H E E H I L L E L M S E L S E ELLE TIME EMIT 109	P I S S I A E A S E W N S A N S SEES PAWS SWAP 112
T A S S A R E A S E A N S A N D SEES TRAD DART 98	G A S P A R E A S E A L P A L M PEEP GRAM MARG 101	F I N S I L E A N E O N S A N G SEES FLOG GOLF 104	T R A M R O M A A M P S M A S S MMMM TOPS SPOT 110	D A Y S A R E A Y E A R S A R B SEES DRAB BARD 113
S U N S U S E D N E A L S D L P SEES SSAP PASS 98	P A S S A E E U S E E N S U N K SEES PEEK KEEP 101	P I N S I A E A N E S T S A T S SEES PASS SSAP 104	R I N D I A E A N E I L D A L L DEED RAIL LIAR 110	D A Y S A R E A Y E A R S A R B SEES DRAB BARD 113
S U D S U S E D D E A L S D L P SEES SSAP PASS 100	S E T S E W E N T E A M S N M P SEES SWAP PAWS 102	S O B S O W E N B E A M S N M P SEES SWAP PAWS 105	S A M S A W E D M E A L S D L P SEES SWAP PAWS 111	B I R D I A E A R E T D D A D S DEED BATS STAB 114
P I T S I A E A T E N T S A T S SEES PANS SNAP 100	B I T S I A E A T E R N S A N D SEES BARD DRAB 102	P I S S I E E E S E T T S E T S SEES PETS STEP 108	P I S S I A E A S E W N S A N S SEES PAWS SWAP 112	C A N S A S E A N E C K S A K E SEES CSCE ECSC 114

There was a 4-square with its NW diagonal equal to the top row in W82-233. Diagonal reversible word squares are to be found in W82-210/214.