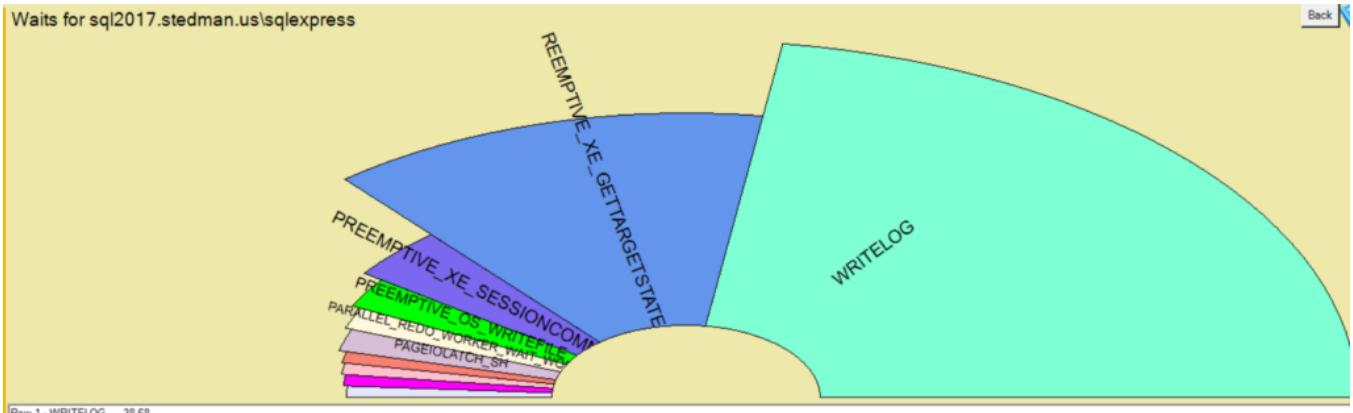
Waits by Type

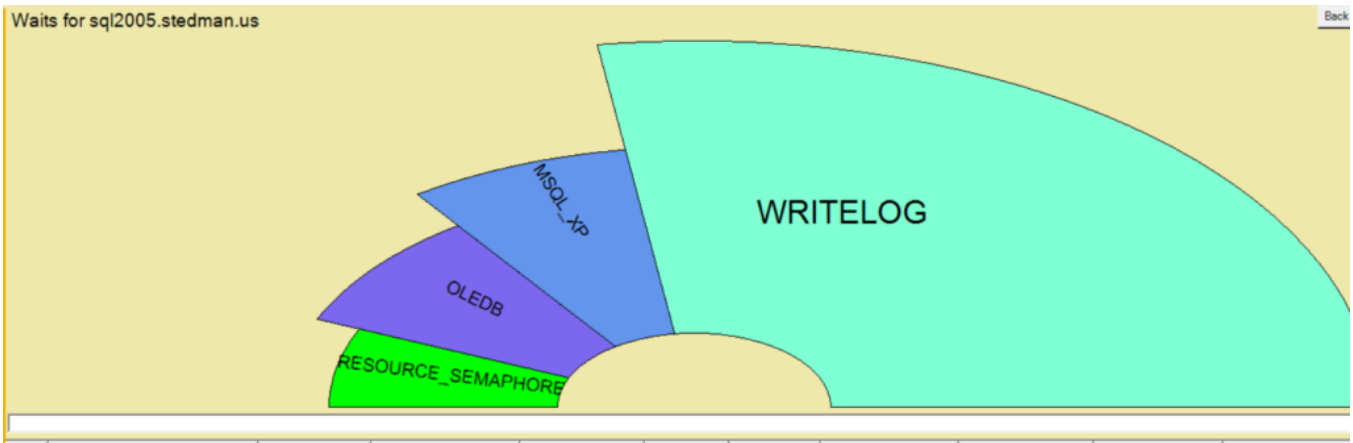
The waits by type page shows you the most commonly occurring waits on your SQL Server.



Row	WaitType	Wait_Seconds	Resource_Seconds	Signal_Seconds	WaitCount	Percentage	Avg Wait Seconds	Avg Res Seconds	Avg Sig Seconds
1	WRITELOG	457.70	448.67	9.04	610238	38.68	0.0008	0.0007	0.0000
2	PREEMPTIVE_XE_GETTARGETSTATE	453.11	453.11	0.00	60623	38.29	0.0075	0.0075	0.0000
3	PREEMPTIVE_XE_SESSIONCOMMIT	76.85	76.85	0.00	1764977	6.49	0.0000	0.0000	0.0000
4	PREEMPTIVE_OS_WRITEFILE	34.79	34.79	0.00	7900	2.94	0.0044	0.0044	0.0000
5	PARALLEL_REDO_WORKER_WAIT_WORK	26.10	25.97	0.13	2112	2.21	0.0124	0.0123	0.0001
6	PAGEIOLATCH_SH	25.62	25.58	0.04	19116	2.16	0.0013	0.0013	0.0000
7	IO_COMPLETION	17.31	17.30	0.01	3087	1.46	0.0056	0.0056	0.0000
8	PREEMPTIVE_XE_TARGETINIT	17.26	17.26	0.00	590853	1.46	0.0000	0.0000	0.0000
9	MEMORY_ALLOCATION_EXT	9.49	9.49	0.00	14148483	0.80	0.0000	0.0000	0.0000
10	XE_BUFFERMGR_ALLPROCESSED_EVENT	8.80	8.72	0.08	5783	0.74	0.0015	0.0015	0.0000

Grid Columns

- Row: Just the row number in the grid.
- Type: The name of this wait type.
- Wait Seconds: The total amount of time this type of wait has been waiting since SQL Server was last restarted, or since the wait stats were last cleared.
- Percent: The percentage that this wait takes up of all the waits on the system.

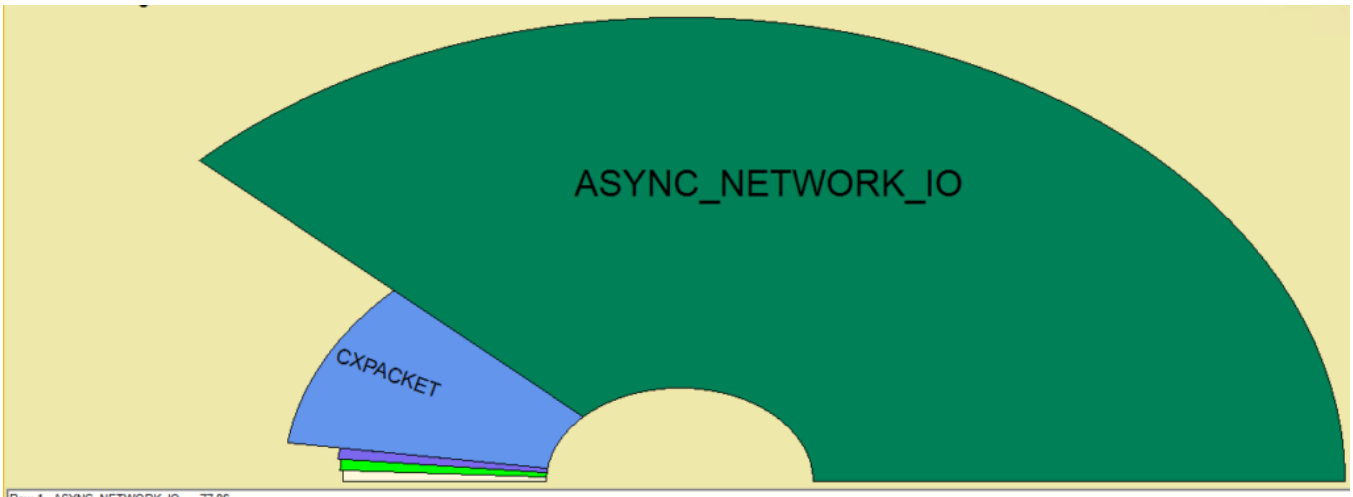


Row	WaitType	Wait_Seconds	Resource_Seconds	Signal_Seconds	WaitCount	Percentage	Avg Wait Seconds	Avg Res Seconds	Avg Sig Seconds	URL
1	WRITELOG	501.06	494.56	6.50	463023	56.14	0.0011	0.0011	0.0000	http://databasehe
2	MSQL_XP	175.47	175.47	0.00	200248	19.66	0.0009	0.0009	0.0000	http://databasehe
3	OLEDB	114.61	114.61	0.00	80100616	12.84	0.0000	0.0000	0.0000	http://databasehe
4	RESOURCE_SEMAPHORE	62.20	62.20	0.00	11	6.97	5.6548	5.6548	0.0000	http://databasehe

You can clear the wait stats with the following command

DBCC SQLPERF (‘sys.dm_os_wait_stats’, CLEAR);

After clearing the wait stats the counters start out fresh like when you restart your SQL Server.



Row 1 - ASYNC_NETWORK_IO ... 77.86

Row	WaitType	Wait_Seconds	Resource_Seconds	Signal_Seconds	WaitCount	Percentage	Avg Wait Seconds	Avg Res Seconds	Avg Sig Seconds	URL
1	ASYNC_NETWORK_IO	26570.16	26458.82	111.35	1834634	77.86	0.0145	0.0144	0.0001	http://databasehealth.com/Waits-
2	CXPACKET	5056.35	5051.44	4.91	107171	14.82	0.0472	0.0471	0.0000	http://databasehealth.com/Waits-
3	PREEMPTIVE_XE_GETTARGETSTATE	412.88	412.88	0.00	16386	1.21	0.0252	0.0252	0.0000	http://databasehealth.com/Waits-
4	LCK_M_S	333.48	333.46	0.02	61	0.98	5.4669	5.4666	0.0004	http://databasehealth.com/Waits-
5	PREEMPTIVE_OS_DEVICEOPS	267.66	267.66	0.00	77282	0.78	0.0035	0.0035	0.0000	http://databasehealth.com/Waits-