



Possible values are Yes, No, Partial, N/A, OS Library dependent

Standard	Link	Category	Description	CTP																				EXP	
				VC 2010	VC 2012	VC 2013	VC 2013	Intel 11.1	Intel 12.0	Intel 12.1	Intel 13.0	Intel 14.0	Clang 2.9	Clang 3.0	Clang 3.1	Clang 3.2	Clang 3.3	Clang 3.4	GCC 4.3	GCC 4.4	GCC 4.5	GCC 4.6	GCC 4.7		GCC 4.8
N2239	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2239.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2239.html</a>	Concurrency	Reworded sequence points	-	-	-	-	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
N2427	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2427.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2427.html</a>	Concurrency	Atomics	N	Y	Y	Y	N	N	N	N	Y	Y	N	N	Y	Y	Y	N	N	Y	Y	Y	Y	Y
N2748	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2748.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2748.html</a>	Concurrency	Strong compare and exchange	N	Y	Y	Y	-	-	-	-	L	N	N	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y
N2752	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2752.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2752.htm</a>	Concurrency	Bidirectional fences	N	Y	Y	Y	-	-	-	-	L	N	N	Y	Y	Y	Y	N	N	N	N	N	Y	Y
N2429	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2429.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2429.htm</a>	Concurrency	Memory model	-	-	-	-	-	-	-	-	L	N	N	N	Y	Y	Y	N	N	N	N	N	Y	Y
N2664	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2664.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2664.htm</a>	Concurrency	Data-dependency ordering	N	Y	Y	Y	N	N	N	N	N	N	N	N	Y	Y	Y	N	Y	Y	Y	Y	Y	Y
N2782	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2782.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2782.htm</a>	Concurrency	Data-dependency ordering: function annotation	N	N	N	N	N	N	N	N	-	-	-	-	-	-	-	-	-	-	-	-	-	
N2179	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2179.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2179.html</a>	Concurrency	exception_ptr	Y	Y	Y	Y	N	L	L	L	L	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	
N2440	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2440.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2440.htm</a>	Concurrency	quick_exit	N	N	N	N	-	-	-	-	L	N	N	N	N	N	N	N	N	N	N	Y	Y	
N2547	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2547.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2547.htm</a>	Concurrency	Atomics in signal handlers	N	N	N	N	-	-	-	-	L	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
N2659	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2659.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2659.htm</a>	Concurrency	Thread-local storage	P	P	P	P	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	Y	Y	
N2660	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2660.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2008/n2660.htm</a>	Concurrency	Magic statics	N	N	N	Y	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
N2340	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2340.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2007/n2340.htm</a>	C99 in C++11	__func__	P	P	P	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
N1653	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2004/n1653.htm">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2004/n1653.htm</a>	C99 in C++11	C99 preprocessor	P	P	P	P	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
N1811	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2005/n1811.pdf">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2005/n1811.pdf</a>	C99 in C++11	long long	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
N1988	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2006/n1988.pdf">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2006/n1988.pdf</a>	C99 in C++11	Extended integer types	-	-	-	-	-	-	-	-	Y	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	
			Count(Y)	2	6	6	8	3	3	3	4	5	5	5	9	11	13	13	7	10	11	11	11	15	
			Count(N)	8	4	4	3	7	6	6	5	5	10	10	6	4	2	2	8	5	4	4	4	0	
			Count(P)	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Count(-)	3	3	3	3	6	6	6	6	0	1	1	1	1	1	1	1	1	1	1	1	1	
			Count(L)	0	0	0	0	0	1	1	1	6	0	0	0	0	0	0	0	0	0	0	0	0	
			Count(****)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
N3323	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3323.pdf">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3323.pdf</a>	C++14	Tweaked wording for contextual conversions	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	
N3472	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3472.pdf">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2012/n3472.pdf</a>	C++14	Binary literals	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	
N3638	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3638.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3638.html</a>	C++14	auto and decltype(auto) return types	N	N	N	Y	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	Y	
N3648	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3648.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3648.html</a>	C++14	init-captures	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	
N3649	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3649.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3649.html</a>	C++14	Generic lambdas	N	N	N	P	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	
N3651	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3651.pdf">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3651.pdf</a>	C++14	Variable templates	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	
N3652	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3652.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3652.html</a>	C++14	Extended constexpr	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	
N3653	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3653.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3653.html</a>	C++14	NSDMIs for aggregates	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	
N3664	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3664.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3664.html</a>	C++14	Avoiding/fusing allocations	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	
N3760	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3760.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3760.html</a>	C++14	[[deprecated]] attributes	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	
N3778	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3778.html">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3778.html</a>	C++14	Sized deallocation	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	
N3781	<a href="http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3781.pdf">http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2013/n3781.pdf</a>	C++14	Digit separators	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	
			Count(Y)	0	0	0	1	0	0	0	0	1	1	1	1	1	3	12	0	0	0	0	0	7	
			Count(N)	12	12	12	10	12	12	12	12	11	11	11	11	9	0	12	12	12	12	12	12	5	
			Count(P)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Count(-)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Count(L)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Count(****)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

References:

- MSVC <http://msdn.microsoft.com/en-us/library/vstudio/hh567368.aspx>
- Intel <http://software.intel.com/en-us/articles/cxx-features-supported-by-intel-c-compiler?page=1>
- Clang [http://clang.lvm.org/cxx\\_status.html](http://clang.lvm.org/cxx_status.html)
- GCC <http://gcc.gnu.org/projects/cxx0x.html>

CTP, SVN, EXP refers to the most recent non-production beta-quality releases

Notes: N/A represent values not declared by the compiler manufacturer. Empty strings are used to verify all cells are filled.

Please report errors/corrections to Raffaele Rialdi (Twitter @raffaeler)

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