

**Parallel count_if dla 19 elementów:
4 concurrent threads are supported.**

Parallel algorithm result: 7 : 2646us
STL algorithm result: 7 : 1us
gnu parallel algorithm result: 7 : 6us
With execution parallel policy algorithm result: 7 : 5828us

++Parallel cunt_if: dis(0,100) generate dla 1'000'000

Parallel algorithm result: 7947 : 11433us
STL algorithm result: 7947 : 14928us
gnu parallel algorithm result: 7947 : 19156us
With execution parallel policy algorithm result: 7947 : 6726us

++Parallel cunt_if: dis(0,1000) generate dla 1'000'000

Parallel algorithm result: 1574 : 13755us
STL algorithm result: 1574 : 15518us
gnu parallel algorithm result: 1574 : 19083us
With execution parallel policy algorithm result: 1574 : 6913us

++Parallel cunt_if: dis(0,100) generate dla 500'000

Parallel algorithm result: 3592 : 8386us
STL algorithm result: 3592 : 7023us
gnu parallel algorithm result: 3592 : 10624us
With execution parallel policy algorithm result: 3592 : 5219us

++Parallel cunt_if: dis(0,1000) generate dla 500'000

Parallel algorithm result: 555 : 8114us
STL algorithm result: 555 : 6900us
gnu parallel algorithm result: 555 : 9732us
With execution parallel policy algorithm result: 555 : 4343us

++Parallel cunt_if: dis(0,100) generate dla 10'000

Parallel algorithm result: 0 : 3670us
STL algorithm result: 0 : 208us
gnu parallel algorithm result: 0 : 256us
With execution parallel policy algorithm result: 0 : 160us

++Parallel cunt_if: dis(0,1000) generate dla 10'000

Parallel algorithm result: 184 : 3694us
STL algorithm result: 184 : 192us
gnu parallel algorithm result: 184 : 234us
With execution parallel policy algorithm result: 184 : 158us

4 concurrent threads are supported.

Vec size	19	1'000'000		500'000		10'000	
value range	Dis(0,10)	Dis(0,100)	Dis(0,1000)	Dis(0,100)	Dis(0,1000)	Dis(0,100)	Dis(0,1000)
Parallel algorithm	2646us	11433us	13755us	8386us	8114us	3670us	3694us
STL algorithm	1us	11433us	15518us	7023us	6900us	208us	192us
gnu parallel algorithm	6us	19156us	19083us	10624us	9732us	256us	234us
execution parallel policy	5828us	6726us	6913us	5219us	4343us	160us	158us