Time (in seconds)
Taken as an average of 10 tests

int vector

	Heap sort	Bubble sort	Merge sort
10	0.000006	0.000004	0.000021
1000	0.000637	0.006488	0.000323
10,000	0.003614	0.591419	0.011319
100,000	0.042592	58.632563	1.273824
500,000	0.261219	DNF after 15 min	32.621441
1,000,000	0.527934		4 minutes
2,000,000	1.123812		
5,000,000	3.304515		
10,000,000	7.961165		

<char, int> pair vector

	Heap sort	Bubble sort	Merge sort
10	0.000008	0.000006	0.000021
1000	0.000648	0.010869	0.004561
10,000	0.008857	0.951351	0.395893
100,000	0.065723	94.189415	39.424864
500,000	0.383198	DNF after 15 min	DNF after 15 min
1,000,000	0.810485		
2,000,000	1.781760		
5,000,000	5.370529		
10,000,000	12.562861		