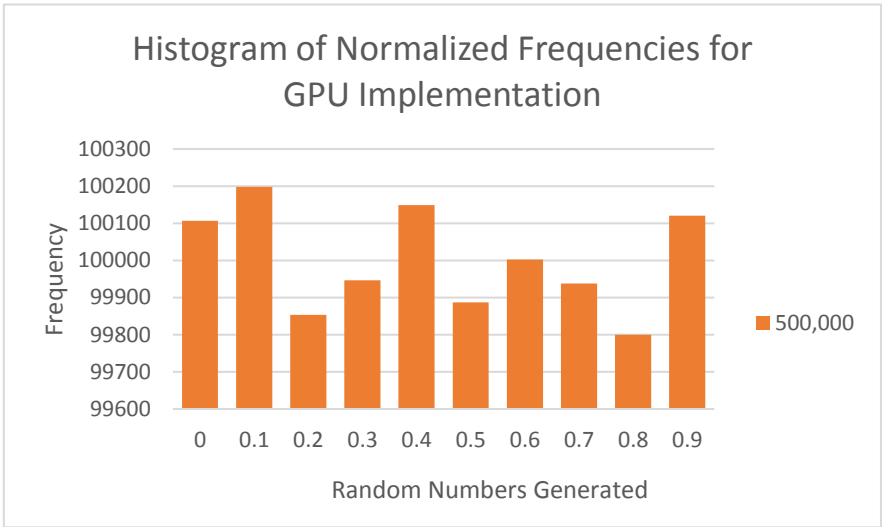
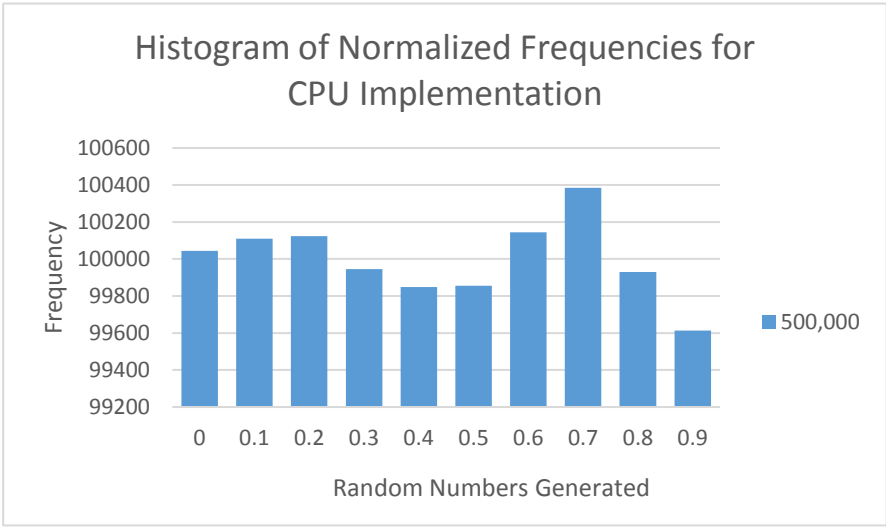
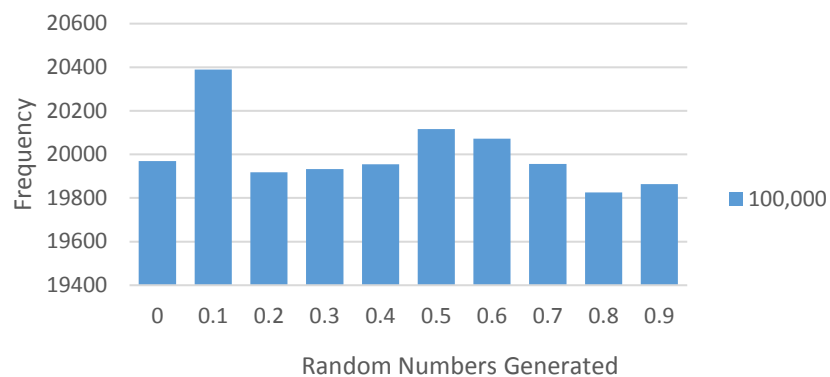


CPU				GPU				
Input Size:	500,000	100,000	1,000	Input Size:	500,000	100,000	1,000	
0	100044	19970	181	0	100107	19933	199	*Histogram contains both numbers generated by X and Y
0.1	100109	20389	193	0.1	100198	20130	213	
0.2	100123	19918	206	0.2	99853	20044	199	
0.3	99946	19933	213	0.3	99946	20083	188	*Data are split into 3 graphs each to accurately show distribution
0.4	99849	19955	206	0.4	100149	19825	164	
0.5	99856	20116	168	0.5	99887	20030	231	
0.6	100145	20073	203	0.6	100002	20040	182	
0.7	100385	19956	216	0.7	99938	19926	203	
0.8	99930	19826	207	0.8	99800	20088	217	
0.9	99613	19864	207	0.9	100120	19901	204	



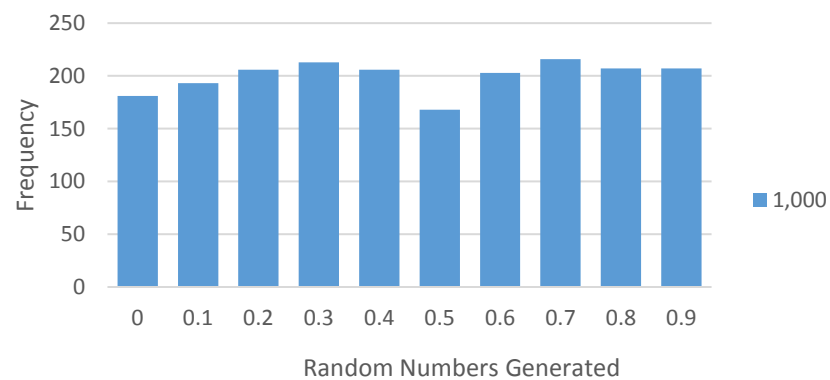
Histogram of Normalized Frequencies for CPU Implementation



Histogram of Normalized Frequencies for GPU Implementation



Histogram of Normalized Frequencies for CPU Implementation



Histogram of Normalized Frequencies for GPU Implementation

