

Cache Performance Metrics											Total	Conflict	Compulsory	Capacity
Accesses	Associativity	Replacement Algorithm	Block Size	Cache Size	Word Size	Hits	Capacity Misses	Compulsory Misses	Conflict Misses	Total Misses	Total Misses (%)	Misses of Total (%)	y Misses of Total (%)	Misses of Total (%)
100000	Direct	Random	64	512	1	80270	11618	129	7983	19730	19.73	40.46	0.65	58.88
100000	Direct	Random	64	512	1	80270	19527	129	74	19730	19.73	0.38	0.65	98.97
100000	Direct	LRU	64	512	1	80270	11921	129	7680	19730	19.73	38.93	0.65	60.42
100000	Direct	LRU	64	512	1	80270	19527	129	74	19730	19.73	0.38	0.65	98.97
100000	Direct	LRR	64	512	1	80270	19527	129	74	19730	19.73	0.38	0.65	98.97
100000	Direct	LRW	64	512	1	80270	19527	129	74	19730	19.73	0.38	0.65	98.97
100000	Direct	FIFO	64	512	1	80270	11921	129	7680	19730	19.73	38.93	0.65	60.42
100000	Direct	FIFO	64	512	1	80270	19527	129	74	19730	19.73	0.38	0.65	98.97
100000	2-way	Random	64	512	1	85684	10114	129	4062	14305	14.305	28.40	0.90	70.70
100000	2-way	Random	64	512	1	85684	14127	129	60	14316	14.316	0.42	0.90	98.68
100000	2-way	LRU	64	512	1	87790	11255	129	826	12210	12.21	6.76	1.06	92.18
100000	2-way	LRU	64	512	1	87790	12031	129	50	12210	12.21	0.41	1.06	98.53
100000	2-way	LRR	64	512	1	87699	12121	129	51	12301	12.301	0.41	1.05	98.54
100000	2-way	LRW	64	512	1	85101	14715	129	55	14899	14.899	0.37	0.87	98.77
100000	2-way	FIFO	64	512	1	87363	11479	129	1029	12637	12.637	8.14	1.02	90.84
100000	2-way	FIFO	64	512	1	87363	12457	129	51	12637	12.637	0.40	1.02	98.58
100000	4-way	Random	64	512	1	84684	10863	129	4320	15312	15.312	28.21	0.84	70.94
100000	4-way	Random	64	512	1	84684	15187	129	0	15316	15.316	0.00	0.84	99.16
100000	4-way	LRU	64	512	1	86460	13173	129	238	13540	13.54	1.76	0.95	97.29
100000	4-way	LRU	64	512	1	86460	13411	129	0	13540	13.54	0.00	0.95	99.05
100000	4-way	LRR	64	512	1	85774	14097	129	0	14226	14.226	0.00	0.91	99.09
100000	4-way	LRW	64	512	1	80630	19241	129	0	19370	19.37	0.00	0.67	99.33
100000	4-way	FIFO	64	512	1	85564	13831	129	476	14436	14.436	3.30	0.89	95.81
100000	4-way	FIFO	64	512	1	85564	14307	129	0	14436	14.436	0.00	0.89	99.11
100000	Full	Random	64	512	1	85158	10886	129	3767	14782	14.782	25.48	0.87	73.64
100000	Full	Random	64	512	1	85158	14713	129	0	14842	14.842	0.00	0.87	99.13
100000	Full	LRU	64	512	1	86040	13831	129	0	13960	13.96	0.00	0.92	99.08
100000	Full	LRU	64	512	1	86040	13831	129	0	13960	13.96	0.00	0.92	99.08
100000	Full	LRR	64	512	1	85984	13887	129	0	14016	14.016	0.00	0.92	99.08
100000	Full	LRW	64	512	1	74841	25030	129	0	25159	25.159	0.00	0.51	99.49
100000	Full	FIFO	64	512	1	86040	13831	129	0	13960	13.96	0.00	0.92	99.08
100000	Full	FIFO	64	512	1	86040	13831	129	0	13960	13.96	0.00	0.92	99.08
		Direct	2-way	4-way	Full				Direct	2-way	4-way	Full		
Random		19.73	14.316	15.316	14.777	Capacity			98.97	98.53	99.05	99.08		
LRU		19.73	12.21	13.54	13.96	Compulsory			0.65	1.06	0.95	0.92		
LRR		19.73	12.301	14.226	14.016	Conflict			0.38	0.41	0.00	0.00		
LRW		19.73	14.899	19.37	25.159									
FIFO		19.73	12.637	14.436	13.96									