

Table 6.10

Cache effect data*

Cache Effects	<i>compress</i>	<i>eqntott</i>	<i>espresso</i>	<i>li</i>	<i>alvinn</i>	<i>hydro2d</i>	<i>tomcatv</i>
Loads/stores with cache hit	94.17	99.57	99.92	99.74	99.99	94.58	96.24
Loads that bypass a missed load	8.45	0.53	0.11	0.14	0.01	4.82	5.45
Loads that bypass a pending store	58.85	21.05	27.17	48.49	98.33	58.26	43.23
Load that aliased with a pending store	0.00	0.31	0.77	2.59	0.27	0.21	0.29
Average number of pending stores per cycle	1.96	0.83	0.97	2.11	1.30	1.01	1.38

*Values given are percentages, except for the average number of pending stores per cycle.

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