rpi4b

Type	Name	Total	Distribution	
data	LB+pos	0/5M		
data	MP+dmbs	0/5M		
data	MP+po-data+dmb	4.79K/3.50M	683.86/500K	± 107.70/500K
data	MP+pos	516.40K/5M	51.64K/500K	± 5.21K/500K
data	MP+rfi-data+dmb	1.55K/1.50M	517.00/500K	± 8.29/500K
data	SB+dmbs	0/5M		
data	SB+pos	898.37K/5M	89.84K/500K	± 11.73K/500K
data	WRC+addrs	0/4.50M		
data	WRC+pos	41.74K/4.50M	4.64K/500K	± 1.05K/500K
exc	LB+R-svc-W+R-svc-W	0/4.50M		
exc	MP+W-svc-W+addr	0/4.50M		
exc	MP+dmb+R-svc-eret-R	0/4.50M		
exc	MP+dmb+eret	0/5M		
exc	MP+dmb+svc	0/5M		
exc	MP+dmb+svc-R-eret-svc-R	0/5M		
exc	MP+dmb+svc-R-svc-R	0/5M		
exc	MP+dmb+svc-R-svc-eret-R	0/5M		
exc	MP+dmb+svc2-eret-R	0/5M		
exc	MP+svc-W-eret-W+addr	0/5M		
exc	SB+W-svc-R+W-svc-R	0/5M		
exc	SB+svc-erets	27/5M	2.70/500K	± 3.85/500K
pgtable	CoRT	589.24K/5M	58.92K/500K	± 13.15K/500K
pgtable	CoRT+dsb-isb	597.23K/5M	59.72K/500K	± 15.72K/500K
pgtable	CoTR	1.45M/5M	145.42K/500K	± 22.44K/500K
pgtable	CoTR+addr	1/5M	0.10/500K	± 0.30/500K
pgtable	CoTR+dmb	1/5M	0.10/500K	± 0.30/500K
pgtable	CoTR+dsb	2/5M	0.20/500K	± 0.40/500K
pgtable	CoTR+dsb-isb	1/5M	0.10/500K	± 0.30/500K
pgtable	CoTR.inv	2.65M/5M	264.82K/500K	± 67.18K/500K
pgtable	CoTR.inv+dsb-isb	0/5M		
pgtable	CoTR1+dsb-dc-dsb-tlbi-dsb-isb	3/5M	0.30/500K	± 0.46/500K
pgtable	CoTR1+dsb-tlbi-dsb-isb	2/5M	0.20/500K	± 0.40/500K
pgtable	CoTR1.tlbi-dsb-isb	7/5M	0.70/500K	± 1.00/500K
pgtable	CoTT	0/5M		
pgtable	CoWT	2.80M/5M	279.68K/500K	± 10.42K/500K
pgtable	CoWT+dsb	2.80M/5M	279.61K/500K	± 9.13K/500K
pgtable	CoWT+dsb-isb	2.80M/5M	280.04K/500K	± 8.39K/500K
pgtable	CoWT+dsb-svc-tlbi-dsb	0/5M		
pgtable	CoWT.inv	6/5M	0.60/500K	± 1.20/500K
pgtable	CoWT.inv+dmb	5/5M	0.50/500K	± 0.67/500K
pgtable	CoWT.inv+dsb	1/5M	0.10/500K	± 0.30/500K
pgtable	CoWT.inv+dsb-isb	0/5M		
pgtable	CoWT1+dsb-tlbi-dsb	0/5M		
pgtable	CoWT1+dsb-tlbi-dsb-isb	0/5M		
pgtable	CoWinvT	2.72M/5M	272.13K/500K	± 23.37K/500K
pgtable	CoWinvT+dsb-isb	2.39M/4.50M	265.31K/500K	± 6.48K/500K
pgtable	CoWinvT1+dsb-tlbi-dsb	0/4.50M		
pgtable	CoWinvWT1+dsb-tlbi-dsb-isb	0/4.50M		
pgtable	ISA2.TRR+dmb+po+dmb	0/5M		
pgtable	MP.BBM1+dsb-isb-tlbiis-dsb-isb+dsb-isb-dsb-isb	0/5M		
pgtable	MP.BBM1+dsb-isb+dsb-isb	1/5M	0.10/500K	± 0.30/500K
pgtable	MP.BBM1+dsb-tlbiis-dsb-isb+dsb-isb	0/5M		
pgtable	MP.BBM1+dsb-isb-dsb-isb+dsb-isb	1/5M	0.10/500K	± 0.30/500K
pgtable	MP.BBM1+dsb-isb-dsb-isb+dsb-isb	2/5M	0.20/500K	± 0.40/500K
pgtable	MP.BBM1+dsb-tlbiis-dsb-isb+dsb-isb	9/5M	0.90/500K	± 0.30/500K
pgtable	MP.RT+svc-dsb-tlbi-dsb+dsb-isb	1/4.50M	0.11/500K	± 0.31/500K
pgtable	MP.RT+svc-dsb-tlbiis-dsb+dsb-isb	1/4.50M	0.11/500K	± 0.31/500K
pgtable	MP.RT.inv+dmb+addr	0/4.50M		
pgtable	MP.RT.inv+dmb+po	0/4.50M		
pgtable	MP.RT1+[dmb.ld]-dmb+dsb-isb	6.63K/4.50M	736.67/500K	± 116.59/500K
pgtable	MP.RT1+[dmb.ld]-dsb-tlbiis-dsb-isb+dmb	0/4.50M		
pgtable	MP.RT1+dc-dsb-tlbiall-dsb+dsb-isb	4/4.50M	0.44/500K	± 0.50/500K
pgtable	MP.RT1+dc-dsb-tlbiall-dsb-isb+dsb-isb	3/4.50M	0.33/500K	± 0.47/500K
pgtable	MP.RT1+dsb-tlbi-dsb+dsb-isb	0/4.50M		
pgtable	MP.RT1+dsb-tlbiall-dsb+dsb-isb	5/4.50M	0.56/500K	± 0.50/500K
pgtable	MP.RT1+dsb-tlbiallis-dsb+dsb-isb	3/4.50M	0.33/500K	± 0.67/500K
pgtable	MP.RT1+dsb-tlbiis-dsb-isb+dmb	1/4.50M	0.11/500K	± 0.31/500K
pgtable	MP.RT1+dsb-tlbiis-dsb-isb+dmb	0/4.50M		
pgtable	MP.RT1+dsb-tlbiis-dsb-tlbiis-dsb-isb+dsb-isbis	0/4.50M		
pgtable	MP.TT+Winv-dmb-Winv+tpo	165.29K/4.50M	18.37K/500K	± 6.67K/500K
pgtable	MP.TT+dmb+dsb-isb	474.69K/4M	59.34K/500K	± 13.37K/500K
pgtable	MP.TT+dmb+tpo	661.67K/4M	82.71K/500K	± 7.39K/500K
pgtable	MP.TT.inv+dmb+dsb-isb	0/4M		
pgtable	MP.TT.inv+dmb+tpo	0/4M		
pgtable	MP.invRT+dsb+dsb-isb	518.60K/3.50M	74.08K/500K	± 9.53K/500K
pgtable	MP.invRT1+dsb-isb-tlbiis-dsb+dsb	0/4M		
pgtable	MP.invRT1+dsb-tlbiis-dsb+dsb	1/3.50M	0.14/500K	± 0.35/500K
pgtable	WRC.AT+ctrl+dsb	107.79K/3.50M	15.40K/500K	± 2.85K/500K
pgtable	WRC.TRR+addr+dmb	0/3.50M		
pgtable	WRC.TRR.inv+addrs	0/3.50M		
pgtable	WRC.TRT+addr+dmb	29.28K/3.50M	4.18K/500K	± 970.04/500K
pgtable	WRC.TRT+dmbs	26.13K/3.50M	3.73K/500K	± 1.47K/500K
pgtable	WRC.TRT+dsb-isbs	14.43K/3.50M	2.06K/500K	± 994.53/500K
pgtable	WRC.TRT.inv+addrs	0/3M		
pgtable	WRC.TRT.inv+dsb-isbs	0/3M		
pgtable	WRC.TRT.inv+po+addr	0/3M		
pgtable	WRC.TRT.inv+po+dmb	0/3M		
pgtable	WRC.TRT1+dsb-tlbiis-dsb+dmb	0/3.50M		
pgtable	WRC.TRT1+dsb-tlbiis-dsb+dsb-isb	0/3.50M		
aliasing	CoWR.alias	0/6M		
aliasing	MP+dmb-data+dmb	0/5M		
aliasing	MP.alias+dmbs	0/5M		
aliasing	MP.alias2+dmb-data+dmb	0/5M		
aliasing	MP.alias2+dmbs	0/3M		
aliasing	MP.alias2+po-data+dmb	2.23K/5M	222.60/500K	± 44.19/500K
aliasing	MP.alias3+rfi-data+dmb	43/2.50M	8.60/500K	± 2.58/500K
aliasing	SB.alias+dmbs	0/4.50M		
aliasing	WRC.alias2+addrs	0/4M		
aliasing	WRC.alias2+dmbs	0/4M		

qemu

Type	Name	Total	Distribution	
data	MP+dmbs	0/3.50M		
data	MP+pos	0/3.50M		
data	SB+dmbs	0/3.50M		
data	SB+pos	0/3.50M		
data	WRC+addrs	0/3.50M		
data	WRC+pos	0/3.50M		
exc	MP+dmb+eret	0/6.50M		
exc	MP+dmb+svc	0/6.50M		
pgtable	CoTR	2/3.50M	0.29/500K	± 0.45/500K
pgtable	CoTR+addr	2/3M	0.33/500K	± 0.47/500K
pgtable	CoTR+dmb	5/3M	0.83/500K	± 0.69/500K
pgtable	CoTR+dsb	1/3M	0.17/500K	± 0.37/500K
pgtable	CoTR+dsb-isb	2/3M	0.33/500K	± 0.47/500K
pgtable	CoTR.inv	0/3.50M		
pgtable	CoTR.inv+dsb-isb	0/3.50M		
pgtable	CoTR1.tlbi+dsb-isb	7/3M	1.17/500K	± 0.69/500K
pgtable	CoWT	0/3.50M		
pgtable	CoWT+dsb	0/3.50M		
pgtable	CoWT+dsb-svc-tlbi-dsb	0/3.50M		
pgtable	CoWT.inv	0/3M		
pgtable	CoWT.inv+dsb	0/3.50M		
pgtable	CoWT1+dsb-tlbi-dsb	0/3.50M		
pgtable	CoWinvT	0/3M		
pgtable	CoWinvT1+dsb-tlbi-dsb	0/3.50M		
pgtable	ISA2.TRR+dmb+po+dmb	0/3M		
pgtable	MP.RT+svc-dsb-tlbi-dsb+dsb-isb	0/3M		
pgtable	MP.RT+svc-dsb-tlbiis-dsb+dsb-isb	0/3M		
pgtable	MP.RT.inv+dmb+addr	0/3M		
pgtable	MP.RT1+dc-dsb-tlbiall+dsb-isb	0/2.50M		
pgtable	MP.RT1+dsb-tlbi-dsb+dsb-isb	0/3.50M		
pgtable	MP.RT1+dsb-tlbiis-dsb+dsb-isb	0/3.50M		
pgtable	MP.RT1+dsb-isb-tlbiis-dsb-isb+dsb-isb	0/3.50M		
pgtable	WRC.AT+ctrl+dsb	0/3.50M		
pgtable	WRC.TRR+addr+dmb	0/3M		
pgtable	WRC.TRR.inv+addrs	0/3M		
pgtable	WRC.TRT+addr+dmb	0/3M		
pgtable	WRC.TRT+dmbs	0/3M		
pgtable	WRC.TRT+dsb-isbs	0/3M		
pgtable	WRC.TRT.inv+po+dmb	0/3M		
pgtable	WRC.TRT1+dsb-tlbiis-dsb+dmb	0/3M		

rpi3bp

Type	Name	Total	Distribution	
data	LB+pos	0/28.50M		
data	MP+dmbs	0/28M		
data	MP+po-data+dmb	276.76K/24.50M	5.65K/500K	± 2.17K/500K
data	MP+pos	2.99M/28M	53.42K/500K	± 8.79K/500K
data	MP+rfi-data+dmb	114.69K/8M	7.17K/500K	± 2.07K/500K
data	SB+dmbs	0/28M		
data	SB+pos	3.95M/28M	70.50K/500K	± 16.00K/500K
data	WRC+addrs	0/28M		
data	WRC+pos	27.84K/28M	497.12/500K	± 442.47/500K
exc	LB+R-svc-W+R-svc-W	0/22M		
exc	MP+W-svc-W+addr	2/22M	0.05/500K	± 0.21/500K
exc	MP+dmb+R-svc-eret-R	0/22M		
exc	MP+dmb+eret	0/22M		
exc	MP+dmb+svc	0/22M		
exc	MP+dmb+svc-R-eret-svc-R	0/22M		
exc	MP+dmb+svc-R-svc-R	0/22M		
exc	MP+dmb+svc-R-svc-eret-R	0/22M		
exc	MP+dmb+svc2-eret-R	0/22M		
exc	MP+svc-W-eret-W+addr	98/22M	2.23/500K	± 2.37/500K
exc	SB+W-svc-R+W-svc-R	537/22M	12.20/500K	± 6.16/500K
exc	SB+svc-erets	158/22M	3.59/500K	± 3.96/500K
pgtable	CoRT	1.21M/22M	27.47K/500K	± 11.04K/500K
pgtable	CoRT+dsb-isb	1.11M/22M	25.28K/500K	± 13.31K/500K
pgtable	CoTR	4.96M/22M	112.61K/500K	± 20.42K/500K
pgtable	CoTR+addr	0/22M		
pgtable	CoTR+dmb	3/22M	0.07/500K	± 0.25/500K
pgtable	CoTR+dsb	3/21.50M	0.07/500K	± 0.25/500K
pgtable	CoTR+dsb-isb	3/21.50M		
pgtable	CoTR.inv	16.86M/21.50M	391.98K/500K	± 85.24K/500K
pgtable	CoTR.inv+dsb-isb	0/21.50M		
pgtable	CoTR1+dsb-dc-dsb-tlbi-dsb-isb	2/21M	0.05/500K	± 0.21/500K
pgtable	CoTR1+dsb-tlbi-dsb-isb	0/20.50M		
pgtable	CoTR1.tlbi-dsb-isb	16/20.50M	0.39/500K	± 0.62/500K
pgtable	CoTT	0/20.50M		
pgtable	CoWT	10.27M/20.50M	250.53K/500K	± 1.56K/500K
pgtable	CoWT+dsb	10.24M/20.50M	249.75K/500K	± 350.64/500K
pgtable	CoWT+dsb-isb	10.24M/20.50M	249.76K/500K	± 336.46/500K
pgtable	CoWT+dsb-svc-tlbi-dsb	0/19.50M		
pgtable	CoWT.inv	8/19.50M	0.21/500K	± 0.46/500K
pgtable	CoWT.inv+dmb	6/19.50M	0.15/500K	± 0.36/500K
pgtable	CoWT.inv+dsb	8/19M	0.21/500K	± 0.47/500K
pgtable	CoWT.inv+dsb-isb	0/19M		
pgtable	CoWT1+dsb-tlbi-dsb	0/19.50M		
pgtable	CoWT1+dsb-tlbi-dsb-isb	0/19.50M		
pgtable	CoWinvT	9.98M/19M	262.73K/500K	± 21.15K/500K
pgtable	CoWinvT+dsb-isb	9.97M/19M	262.39K/500K	± 22.15K/500K
pgtable	CoWinvT1+dsb-tlbi-dsb	0/19M		
pgtable	CoWinvWT1+dsb-tlbi-dsb-isb	0/19M		
pgtable	ISA2.TRR+dmb+po+dmb	0/19.50M		
pgtable	MP.BBM1+dsb-isb-tlbiis-dsb-isb+dsb-isb-dsb-isb	1/19.50M	0.03/500K	± 0.16/500K
pgtable	MP.BBM1+dsb-isb+dsb-isb	4/19.50M	0.10/500K	± 0.38/500K
pgtable	MP.BBM1+dsb-tlbiis-dsb-isb+dsb-isb	0/19.50M		
pgtable	MP.BBM1+dsb-isb-dsb-isb+dsb-isb	1/19.50M	0.03/500K	± 0.16/500K
pgtable	MP.BBM1.id+dsb-tlbiis-dsb-isb+dsb-isb	40/19.50M	1.03/500K	± 0.16/500K
pgtable	MP.RT+svc-dsb-tlbi-dsb+dsb-isb	1/19M	0.03/500K	± 0.16/500K
pgtable	MP.RT+svc-dsb-tlbiis-dsb+dsb-isb	0/19M		
pgtable	MP.RT.inv+dmb+addr	0/19M		
pgtable	MP.RT.inv+dmb+po	0/19M		
pgtable	MP.RT1+[dmb.ld]-dmb+dsb-isb	1.16K/19M	30.39/500K	± 43.17/500K
pgtable	MP.RT1+[dmb.ld]-dsb-tlbiis-dsb-isb+dmb	0/19M		
pgtable	MP.RT1+dc-dsb-tlbiall-dsb+dsb-isb	4/19M	0.11/500K	± 0.31/500K
pgtable	MP.RT1+dc-dsb-tlbiall-dsb-isb+dsb-isb	0/19M		
pgtable	MP.RT1+dsb-tlbiis-dsb-isb+dsb-isb	2/19M	0.05/500K	± 0.22/500K
pgtable	MP.RT1+dsb-tlbi-dsb+dsb-isb	0/19M		
pgtable	MP.RT1+dsb-tlbiall-dsb+dsb-isb	3/19M	0.08/500K	± 0.27/500K
pgtable	MP.RT1+dsb-tlbiallis-dsb+dsb-isb	0/19M		
pgtable	MP.RT1+dsb-tlbiis-dsb-isb+dmb	1/19M	0.03/500K	± 0.16/500K
pgtable	MP.RT1+dsb-tlbiis-dsb-isb+dmb	1/19M	0.03/500K	± 0.16/500K
pgtable	MP.TT+Winv-dmb-Winv+tpo	22.30K/19M	586.84/500K	± 786.40/500K
pgtable	MP.TT+dmb+dsb-isb	208.50K/19M	5.49K/500K	± 8.27K/500K
pgtable	MP.TT+dmb+tpo	178.59K/19M	4.70K/500K	± 5.06K/500K
pgtable	MP.TT.inv+dmb+dsb-isb	0/19M		
pgtable	MP.TT.inv+dmb+tpo	0/19M		
pgtable	MP.invRT+dsb+dsb-isb	335.17K/18.50M	9.06K/500K	± 5.20K/500K
pgtable	MP.invRT1+dsb-isb-tlbiis-dsb+dsb	0/19M		
pgtable	MP.invRT1+dsb-tlbiis-dsb+dsb	1/19M	0.03/500K	± 0.16/500K
pgtable	WRC.AT+ctrl+dsb	82.22K/18.50M	2.22K/500K	± 3.13K/500K
pgtable	WRC.TRR+addr+dmb	0/18.50M		
pgtable	WRC.TRR.inv+addrs	0/18.50M		
pgtable	WRC.TRT+addr+dmb	30.30K/18.50M	818.84/500K	± 467.34/500K
pgtable	WRC.TRT+dmbs	40.76K/18.50M	1.10K/500K	± 489.21/500K
pgtable	WRC.TRT+dsb-isbs	43.33K/18.50M	1.17K/500K	± 529.56/500K
pgtable	WRC.TRT.inv+addrs	0/17.50M		
pgtable	WRC.TRT.inv+dsb-isbs	0/17M		
pgtable	WRC.TRT.inv+po+addr	0/17M		
pgtable	WRC.TRT.inv+po+dmb	0/16.50M		
pgtable	WRC.TRT1+dsb-tlbiis-dsb+dmb	0/17.50M		
pgtable	WRC.TRT1+dsb-tlbiis-dsb+dsb-isb	0/17.50M		
aliasing	CoWR.alias	0/24.50M		
aliasing	MP+dmb-data+dmb	0/24.50M		
aliasing	MP.alias+dmbs	0/24.50M		
aliasing	MP.alias2+dmb-data+dmb	0/24.50M		
aliasing	MP.alias2+dmbs	0/8M		
aliasing	MP.alias2+po-data+dmb	285.42K/24.50M	5.82K/500K	± 1.87K/500K
aliasing	MP.alias3+rfi-data+dmb	17.42K/8M	1.09K/500K	± 300.38/500K
aliasing	SB.alias+dmbs	0/24M		
aliasing	WRC.alias2+addrs	0/7.50M		
aliasing	WRC.alias2+dmbs	0/7M		

graviton2

Type	Name	Total	Distribution	
aliasing	CoWR.alias	0/1.50M		
aliasing	MP+dmb-data+dmb	0/1.50M		
aliasing	MP.alias+dmbs	0/1.50M		
aliasing	MP.alias2+dmb-data+dmb	0/1.50M		
aliasing	MP.alias2+dmbs	0/1.50M		
aliasing	MP.alias2+po-data+dmb	2.18K/1M	1.09K/500K	± 118.00/500K
aliasing	MP.alias3+rfi-data+dmb	13/1M	6.50/500K	± 1.50/500K
aliasing	SB.alias+dmbs	0/1M		
aliasing	WRC.alias2+addrs	0/43M		
aliasing	WRC.alias2+dmbs	0/43M		