NZ Transport Agency

Wellington to Hutt Valley Cycleway
Benefit Cost Ratio - Full Route Wellington to Hutt Valley

section	original PV benefits	original crash benefits	original cycling benefits
Section 1	16,568,628	2,892,956	
Section 2	6,553,212	808,810	
Section 3	55,531,838	10,878,920	
Section 4	20,583,031	7,804,393	
Section 5	5,740,481	81,865	
Section 6	1,640,169	175,988	
Section 7	5,460,589	1,655,824	
Section 8	7,780,790	327,442	
overall	119,858,737	24,626,198	53,400,000

updated crash benefits	19,457,172
updated cycling benefits	53,400,000
updated PV benefits	114,689,711
updated project costs	99,470,208
BCR	1.2

Released under the Official Information Act 1982

NZ Transport Agency

Wellington to Hutt Valley Cycleway
Benefit Cost Ratio - Ngauranga to Hutt Valley

section	original PV benefits	original crash benefits
Section 3	54,690,726	10,774,315
Section 4	20,320,497	7,729,350
Section 5	5,644,179	81,078
Section 6	1,613,665	174,296
Section 7	6,573,301	2,833,240
Section 8	7,650,796	324,294
overall	96,493,164	21,916,572

updated crash benefits	6,630,624
updated PV benefits	81,207,215
updated project costs	90,979,608
BCR	0.9

Released under the Official Information Act 1982

NZ Transport Agency

Wellington to Hutt Valley Cycleway
Benefit Cost Ratio - Ngauranga to Petone

section	original PV benefits	original crash benefits
Section 3	54,690,726	10,774,315
Section 4	20,320,497	7,729,350
overall	75,011,223	18,503,665

updated crash benefits	5,805,936
updated PV benefits	62,313,494
updated project costs	67,394,608
BCR	0.9

Released under the Official Information Act 1982

NZ Transport Agency

Wellington to Hutt Valley Cycleway
Benefit Cost Ratio - Petone to Melling

section	original PV benefits	original crash benefits
Section 5	5,644,179	81,078
Section 6	1,613,665	174,296
Section 7	6,573,301	2,833,240
Section 8	7,650,796	324,294
overall	21,481,941	3,412,907

updated crash benefits	6,630,624
updated PV benefits	24,699,658
updated project costs	23,585,000
BCR	1.0

Released under the Official Information Act 1982

NZ Transport Agency

Wellington to Hutt Valley Cycleway
Sensitivity Analysis: Full Route

variable	base case ($)	lower bound value	lower bound BCR	upper bound value	upper bound BCR
capital costs	99,500,000	20%	0.9	-20%	1.4
commuter cyclists	53,400,000	-20%	1.0	20%	1.3
walkers	11,500,000	-20%	1.1	20%	1.2
tourist cyclists	11,200,000	-20%	1.1	20%	1.2
crashes	19,457,172	-20%	1.1	20%	1.2
resilience	18,400,000	-20%	1.1	20%	1.2

PV cost	99,470,208
PV benefits	114,689,711
tested BCR	1.2

Released under the Official Information Act 1982