

Ruamahanga_IrrigationReliability_19Nov17_v1.5

Summary

Change in Regional Economic Output (\$/yr)

Most Intensive System

Reliability	Waipoua		Ruamahanga [upper]	
	Now	Future	Now	Future
Dairy (Total Revenue Change)				
Average Annual Reliability	\$0	\$0	\$0	\$0
Average Summer Reliability	\$0	\$0	\$0	\$0
90th Percentile Summer Reliability	\$0	\$0	\$0	\$0
Arable (Total Revenue Change)				
Average Annual Reliability	-\$5,392	-\$8,054	\$0	\$0
Average Summer Reliability	-\$10,716	-\$15,153	\$0	\$0
90th Percentile Summer Reliability	-\$23,553	-\$27,208	\$0	\$0
Sheep, Beef & Dairy Support (Total Revenue Change)				
Average Annual Reliability	-\$6,923	-\$8,825	-\$70,785	-\$115,449
Average Summer Reliability	-\$10,726	-\$13,895	-\$97,583	-\$186,913
90th Percentile Summer Reliability	-\$20,233	-\$25,937	-\$160,114	-\$347,705
All Land Uses (Total Revenue Change)				
Average Annual Reliability	-\$12,315	-\$16,879	-\$70,785	-\$115,449
Average Summer Reliability	-\$21,442	-\$29,048	-\$97,583	-\$186,913
90th Percentile Summer Reliability	-\$43,786	-\$53,145	-\$160,114	-\$347,705

Change in Employment (FTE)

Most Intensive System

Reliability	Waipoua		Ruamahanga [upper]	
	Now	Future	Now	Future
Dairy (Total FTE Change)				
Average Annual Reliability	\$0	\$0	\$0	\$0
Average Summer Reliability	\$0	\$0	\$0	\$0
90th Percentile Summer Reliability	\$0	\$0	\$0	\$0
Arable (Total FTE Change)				
Average Annual Reliability	0.0	-0.1	0.0	0.0
Average Summer Reliability	-0.1	-0.1	0.0	0.0
90th Percentile Summer Reliability	-0.2	-0.2	0.0	0.0
Sheep, Beef & Dairy Support (Total FTE Change)				
Average Annual Reliability	0.0	-0.1	-0.5	-0.8
Average Summer Reliability	-0.1	-0.1	-0.7	-1.3
90th Percentile Summer Reliability	-0.1	-0.2	-1.1	-2.4
All Land Uses (Total FTE Change)				
Average Annual Reliability	-0.1	-0.1	-0.5	-0.8
Average Summer Reliability	-0.1	-0.2	-0.7	-1.3
90th Percentile Summer Reliability	-0.3	-0.4	-1.1	-2.4

Change in Regional Economic Output (\$/yr)

Average System

Reliability	Waipoua		Ruamahanga [upper]	
	Now	Future	Now	Future
Dairy (Total Revenue Change)				
Average Annual Reliability	\$0	\$0	\$0	\$0
Average Summer Reliability	\$0	\$0	\$0	\$0
90th Percentile Summer Reliability	\$0	\$0	\$0	\$0
Arable (Total Revenue Change)				
Average Annual Reliability	-\$5,392	-\$8,054	\$0	\$0
Average Summer Reliability	-\$10,716	-\$15,153	\$0	\$0
90th Percentile Summer Reliability	-\$23,553	-\$27,208	\$0	\$0
Sheep, Beef & Dairy Support (Total Revenue Change)				
Average Annual Reliability	-\$2,748	-\$3,503	-\$28,096	-\$45,824
Average Summer Reliability	-\$4,257	-\$5,515	-\$38,733	-\$74,189
90th Percentile Summer Reliability	-\$8,031	-\$10,295	-\$63,552	-\$138,010
All Land Uses (Total Revenue Change)				
Average Annual Reliability	-\$8,140	-\$11,557	-\$28,096	-\$45,824
Average Summer Reliability	-\$14,974	-\$20,668	-\$38,733	-\$74,189
90th Percentile Summer Reliability	-\$31,584	-\$37,503	-\$63,552	-\$138,010

Change in Employment (FTE)

Average System

Reliability	Waipoua		Ruamahanga [upper]	
	Now	Future	Now	Future
Dairy (Total FTE Change)				
Average Annual Reliability	\$0	\$0	\$0	\$0
Average Summer Reliability	\$0	\$0	\$0	\$0
90th Percentile Summer Reliability	\$0	\$0	\$0	\$0
Arable (Total FTE Change)				
Average Annual Reliability	0.0	-0.1	0.0	0.0
Average Summer Reliability	-0.1	-0.1	0.0	0.0
90th Percentile Summer Reliability	-0.2	-0.2	0.0	0.0
Sheep, Beef & Dairy Support (Total FTE Change)				
Average Annual Reliability	0.0	0.0	-0.2	-0.3
Average Summer Reliability	0.0	0.0	-0.3	-0.5
90th Percentile Summer Reliability	-0.1	-0.1	-0.4	-1.0
All Land Uses (Total FTE Change)				
Average Annual Reliability	-0.1	-0.1	-0.2	-0.3
Average Summer Reliability	-0.1	-0.1	-0.3	-0.5
90th Percentile Summer Reliability	-0.2	-0.3	-0.4	-1.0

Summary across all land uses

Reliability	Waipoua		Ruamahanga [upper]		Total
	Now	Future	Now	Future	Future
Total Revenue Change - Most Intensive System					
Average Annual Reliability	-\$12,315	-\$16,879	-\$70,785	-\$115,449	\$132,328
Average Summer Reliability	-\$21,442	-\$29,048	-\$97,583	-\$186,913	\$215,961
90th Percentile Summer Reliability	-\$43,786	-\$53,145	-\$160,114	-\$347,705	\$400,850
Total Revenue Change -Average System					
Average Annual Reliability	-\$8,140	-\$11,557	-\$28,096	-\$45,824	-\$57,381
Average Summer Reliability	-\$14,974	-\$20,668	-\$38,733	-\$74,189	-\$94,857
90th Percentile Summer Reliability	-\$31,584	-\$37,503	-\$63,552	-\$138,010	\$175,513
Total FTE Change - Most Intensive System					
Average Annual Reliability	-0.1	-0.1	-0.5	-0.8	-0.9
Average Summer Reliability	-0.1	-0.2	-0.7	-1.3	-1.5
90th Percentile Summer Reliability	-0.3	-0.4	-1.1	-2.4	-2.8
Total FTE Change -Average System					
Average Annual Reliability	-0.1	-0.1	-0.2	-0.3	-0.4
Average Summer Reliability	-0.1	-0.1	-0.3	-0.5	-0.7
90th Percentile Summer Reliability	-0.2	-0.3	-0.4	-1.0	-1.2