

**Comparison of Costs and Benefits for Tri-Valley South (26 Schools, 2 ESUs)
2007-08 (Before Network Nebraska) vs. 2008-09 (After Network Nebraska)**

	Before Network Nebraska 2007-08	After Network Nebraska 2008-09	Net Regional Impact
COSTS			
Wide Area Networking	Dark Fiber Solutions, 100Mbps \$1570/month/circuit	Dark Fiber Solutions , 100Mbps \$1570/month/circuit	No Change
Project 42 Backbone Connections	1 - 100Mbps and 1 - 40Mbps Interconnection link for \$4624/month	1 - 200Mbps Interconnection link into Grand Island College Park for \$ 2500/month	Net Savings of \$25,483/year
Network Nebraska Participation Fee	\$0	\$197.80/month/entity (based on 2008-09 costs)	New Costs of \$66,461/year
Interregional Transport Fee	\$0	\$34.21/month/entity (based on 2008-09 costs)	New Costs of \$11,495/year
ESU 10, 11, 15, 16 Shared Internet Access	40Mbps x \$150/Mbps = \$6,000/month	100Mbps x \$38/Mbps = \$3,800/month	Increased Internet by 2.5X, Net savings of \$26,400/year
BENEFITS			
LB 1208 Equipment Dollars	None	\$20,000 per high school & ESU	Benefit of \$560,000
LB 1208 Distance Education Incentives	None	\$1,000 for every semester video course sent or received	Benefit of \$346,000 earned through courses exchanged
Statewide posting of classes	None	Free access to Renovo clearinghouse and scheduling software	Amount of distance learning course exchange increased, with more financial and curriculum benefits to area schools
Access to Internet2 nationwide networking	None	Included with Network Nebraska Participation Fee and purchase off of the State Contract for Internet access	Internet1 bandwidth conserved due to Internet2 Peering with 60,000 frequently visited companies and websites
COST/BENEFIT ANALYSIS			Savings/Benefits = \$957,883 New Costs = \$ 77,956 Net Regional Benefit = \$879,927

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Evaluator's note: The Tri-Valley South Distance Learning Consortium was selected for this comparison because it most closely resembled the Southeast Nebraska Distance Learning Consortium: Same network provider, comparable WAN speeds of 100Mbps, and similar number of schools. The Tri-Valley South Consortium earned almost 4.5 times more in LB1208 distance education incentives than it cost to belong to Network Nebraska in 2008-09. (\$346,000 vs. \$77,956)