

FY12 Savings to K-12 Schools that Participated in Iowa Public Television's K-12 ICN Video Field Trips

Explanation of Calculation	Round Trip Distance to Field Trip Site	Total Hours of Travel Time	<u>School Cost for "Field Trips"</u>				Number of Schools (ICN Sites) Participating in IPTV Sessions	Total Cost to Schools for "Field Trips"	<u>ICN Cost for "Field Trips"</u>		<u>Estimated Total Savings to Iowa Schools</u>
			Bus Cost	Lost Teacher Productivity	Est. Cost Per School Per "Field Trip"				IPTV K-12 ICN Video Hours	ICN Cost	
		Round trip divided by 55	\$3.21 per mile	\$30 times travel time	Bus+Teacher	Total Sites minus one presenter site for each session	"Est. Cost Per Field Trip" times "Number of Schools"	6413 divided by 3	\$6.48/hour times "IPTV K-12 ICN Video Hours"	"Total Cost to Schools" minus "ICN Cost"	
Real Time Field Trip*											
Schools 100 miles from field trip site	200	3.6	\$ 642.00	\$ 108.00	\$ 750.00	918.30	\$ 688,725.00	2,137.666	\$ 13,852.08	\$ 674,872.92	
Schools 200 miles from field trip site	400	7.2	\$ 1,284.00	\$ 216.00	\$ 1,500.00	918.30	\$ 1,377,450.00	2,137.666	\$ 13,852.08	\$ 1,363,597.92	
Schools 300 miles from field trip site	600	10.9	\$ 1,926.00	\$ 327.00	\$ 2,253.00	918.30	\$ 2,068,929.90	2,137.666	\$ 13,852.08	\$ 2,055,077.82	
						TOTALS					
						2755	\$ 4,135,104.90	6,413.00	\$ 41,556.24	\$ 4,093,548.66	

* Since schools would normally bus students to field trip experiences, calculations for this table are based upon the assumption that one-third of the total field trips were 100 miles from the school, one-third were 200 miles from the school, and one-third were 300 miles from the school.

Data Source: VOSS cost savings report, ICN video invoices and IPTV online registration database.
 "Field Trip" sessions are typically 45-60 minutes in length.

324 Total Number of Sessions
3,079 Total Number of School Sites & Presenter Sites Participating in IPTV Sponsored K-12 ICN Sessions
6,413 Total Number of ICN video hours

20,669 Total Number of Participants in IPTV-sponsored K-12 ICN Video Field Trips