

FY11 Savings to K-12 Schools that Participated in Iowa Public Television's K-12 ICN Video Field Trips

Explanation of Calculation	<u>School Cost for "Field Trips"</u>						<u>ICN Cost for "Field Trips"</u>			<u>Estimated Total Savings to Iowa Schools</u>
	Round Trip Distance to Field Trip Site	Total Hours of Travel Time	Bus Cost	Lost Teacher Productivity	Est. Cost Per School Per "Field Trip"	Number of Schools (ICN Sites) Participating in IPTV Sessions	Total Cost to Schools for "Field Trips"	IPTV K-12 ICN Video Hours	ICN Cost	
	Round trip divided by 55		\$2.90 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"	4,322 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	\$ 580.00	\$ 108.00	\$ 688.00	849.33	\$ 584,339.04	1,440.666	\$ 9,335.52	\$ 575,003.52
Schools 200 miles from field trip site	400	7.2	\$ 1,160.00	\$ 216.00	\$ 1,376.00	849.33	\$ 1,168,678.00	1,440.666	\$ 9,335.52	\$ 1,159,342.50
Schools 300 miles from field trip site	600	10.9	\$ 1,740.00	\$ 327.00	\$ 2,067.00	849.33	\$ 1,755,565.10	1,440.666	\$ 9,335.52	\$ 1,746,229.60
TOTALS						2548.00	\$ 3,508,582.14	4,322.00	\$ 28,006.55	\$ 3,480,575.62

* 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.

330 Total Number of Sessions
2,878 Total Number of School Sites & Presenter Sites Participating in IPTV Sponsored K-12 ICN Sessions
4,322 Total Number of ICN video hours

22,974 Total Number of Participants in IPTV-sponsored K-12 ICN Video Field Trips