

Complete this census form to reflect district technology status as of **March 1**.
 Consult the Core Data Manual and [Help](#) file, call (573) 751-8247, or e-mail: instrtech@dese.mo.gov for assistance as needed.

- 1) **Year district technology plan was last approved by DESE:** [205 \(2007\)](#) [58 \(2008\)](#) [288 \(2009\)](#).
- 2) **Board-approved education technology standards and population(s) that must meet the standards.** (Check ALL that apply)

STANDARDS	Districts/ LEAs	Percent LEAs
Locally-developed	466	84.6%
Adopted National Educational Technology Standards (ISTE)	248	45.0%
Adopted Standards for Technological Literacy (ITEA)	66	12.0%
Other: (Show-Me Standards = 9)	18	3.3%
None	21	3.8%

STUDENT STANDARDS		
Grade Span	LEAs	Percent
K-2	482	87.5%
3-5	500	90.7%
6-8	516	93.7%
9-12	421	76.4%
Area Career Center	59	*100%
None	25	4.5%

STAFF STANDARDS		
Staff Type	LEAs	Percent
Administrators	468	84.9%
Teachers	479	86.9%
Support Services	423	76.8%
None	72	13.1%

*59 of 59 ACCs

- 3) **Estimated total FTE of district-level staff or total hours of those directly responsible for technical maintenance and support of hardware.** (Check one in each category)

EMPLOYEES			
Status	LEAs	Percent	Median FTE
Yes	511	93%	1.0
No	40	8%	Na

NON-EMPLOYEES			
Status	LEAs	Percent	Median Hours
Yes	210	38%	100
No	341	62%	Na

- 4) **District-supported administrative systems.** (Check ALL that apply)

SYSTEM	LEAs	Percent
Accounting/budget/payroll	531	96%
Class website hosting	372	68%
Communication/email	530	96%
Course scheduling	460	83%
Discipline	490	89%
Distance education	266	48%
Extra-curricular schedule	248	45%
Food Service	474	86%
Grade book	501	91%
Health Service	452	82%
Human resources	270	49%
IEP management	452	82%
Instructional management	229	42%
Inventory	354	64%
Library catalog	512	93%
School safety	205	37%
Student attendance	530	96%
Student fees	328	60%
Student performance	413	75%
Teacher evaluations	212	38%
Technical support	356	65%
Transportation	279	51%
None	1	.18%

- 5) **All buildings in district are connected through a wide or local area network.** [488 / 88.6%](#) Yes [63 / 11.4%](#) No

- 6) **Core content area(s) in which technology is integrated.** (Check ALL that apply)
[540 / 98.0%](#)Communication Arts [528 / 95.9%](#)Mathematics [535 / 97.1%](#)Science [516 / 93.7%](#)Social Studies

- 7) **Estimated percentage of following populations with district-provided email accounts.**

GRADES	LEAs	Percent	Median
PreK-2	16	2.9%	100%
3-5	45	8.2%	35%
6-8	75	13.6%	100%
9-12	141	25.6%	25%
None	394	71.5%	Na

STAFF TYPE	LEAs	Percent	Median
Administrators	532	96.6%	100%
Teachers	529	96.0%	100%
Support services staff	522	94.7%	100%
None	18	3.3%	Na

- 8) **Estimated percentage of district 8th graders who are technologically literate.** [Median =](#)
- 9) **Amount budgeted for technology for current year.** [\\$150,543,272 \(Average = \\$273,218\) \(median = \\$50,000\)](#)
- 10) **Dollar value of district E-rate discount for current year (per FCDLs).** [\\$27,161,036 \(Average = \\$49,294\) \(Median = \\$6,725\)](#)
- 11) **Estimated percentage of E-rate discount used to support education technology.** [Median = 50%](#)

2009 Missouri Census of Technology

School Building Level Census Form

N= 2250

PLANNING

- 1) **Type of building technology plan:** [122 / 5%](#)Stand-alone plan [2107 / 94%](#) Integrated in district plan
[21 / 1%](#) No building plan

TRAINING

- 1) **Estimated percentage of faculty/staff in the school building at each skill level of education technology use.**

FACULTY/STAFF	Beginner	Intermediate	Advanced	Total
Administrator(s)	4%	65%	31%	100%
Teachers	12%	60%	27%	100%
Support services staff	25%	53%	21%	100%

- 2) **Number of teachers in the school participating in education technology-related professional development (including eMINTS).**

HOURS COMPLETED	Buildings	Percent Buildings	Teachers
0 hours	531	24%	8,764
1 to 15 hours	2044	91%	46,109
16 to 30 hours	926	41%	8,192
More than 30 hours	734	33%	4,899
Total			67,964

[Median Teacher: 1-15 Hours](#)

- 3) **Number of eMINTS-trained teachers in school building.**

eMINTS PROGRAMS	None (Buildings)	Completed year 1 only	Completed both years	Total Teachers
Comprehensive eMINTS for Teachers	1,741	585 in 210 Buildings	422 in 1167 Buildings	1007
eMINTS for Ed-Tech Specialists	2,164	42 in 28 Buildings	103 in 65 Buildings	145
Other two-year eMINTS programs	2,130	192 in 55 Buildings	392 in 87 Buildings	584

HARDWARE AND SUPPORT

- 1) **Estimated total FTE of school building staff or total hours of others directly responsible for technical maintenance and/or support of hardware.** (Check all that apply)

EMPLOYEE TYPE	Number Buildings	Percent Buildings	Median FTE
District staff	1935	86%	0.50
School certificated staff	462	21%	0.15
School non-certificated staff	429	19%	0.50
None	151	7%	Na

[Median Building Total: 1.15 FTE](#)

Estimated total hours of others directly responsible for technical maintenance and/or support of hardware.
(Continued)

NON-EMPLOYEE SERVICE PROVIDER	Total Hours	Number Buildings	Percent Buildings	Median Hours
Students	21,819	248	11%	18
Parents/community members	103	13	1%	1
Vendors/contractors	19,289	516	23%	5
None	Na	1,553	69%	Na

2) **Computers by type and location within school building.**

COMPUTER PLATFORM	Labs	Class Rooms					LMCs	Admin.	Total
		PreK-2	3-5	6-8	9-12	ACC			
APPLE/MAC									
Less Than 1 Year	2,308	419	939	685	1,509	154	286	215	6,515
1 – 3 Years	6,106	2,349	3,145	3,295	3,090	208	2,083	626	20,902
4 – 5 Years	2,775	1,291	1,528	1,655	738	155	916	255	9,313
6 Years or More	1,746	1,820	1,582	1,285	1,110	191	454	152	8,340
PC COMPATIBLE									
Less Than 1 Year	15,291	2,753	4,366	4,409	8,128	1,122	3,177	2,687	41,933
1 – 3 Years	41,323	10,735	16,484	15,543	24,591	3,288	10,271	9,886	132,121
4 – 5 Years	25,361	8,940	13,167	11,134	17,301	3,089	7,017	5,770	91,779
6 Years or More	11,308	6,792	8,440	6,413	7,594	1,169	3,227	2,573	47,516
HANDHELDS	1,004	1,461	4,194	2,817	2,607	207	827	1,377	14,494

Computer Summary Statistics*

Location / Computer Device	Computer Labs	Class Rooms						LMCs	Rooms Total	Offices	Total
		K-2	3-5	6-8	9-12	ACC	Sub-total				
APPLE/MAC											
Less than 1 Year	2308	419	939	685	1509	154	3706	286	6300	215	6515
1 – 3 Years	6106	2349	3145	3295	3090	208	12087	2083	20276	626	20902
4 – 5 Years	2775	1291	1528	1655	738	155	5367	916	9058	255	9313
6 Years or More	1746	1820	1582	1285	1110	191	5988	454	8188	152	8340
Sub-total	12935	5879	7194	6920	6447	708	27148	3739	43822	1248	45070
PC/PC Compatible											
Less than 1 Year	15291	2753	4366	4409	8128	1122	20778	3177	39246	2687	41933
1 – 3 Years	41323	10735	16484	15543	24591	3288	70641	10271	122235	9886	132121
4 – 5 Years	25361	8940	13167	11134	17301	3089	53631	7017	86009	5770	91779
6 Years or More	11308	6792	8440	6413	7594	1169	30408	3227	44943	2573	47516
Sub-total	93283	29220	42457	37499	57614	8668	175458	23692	292433	20916	313349
Total Computers	106218	35099	49651	44419	64061	9376	202606	27431	336255	22164	358419
<i>Student Ratios</i>	8.40	5.79	4.11	4.56	4.41	Na	4.40	Na	2.65	Na	2.49
HANDHELDS	1004	1461	4194	2817	2607	207	11286	827	13117	1377	14494
TOTAL DEVICES	107222	36560	53845	47236	66668	9583	213892	28258	349372	23541	372913
<i>Student Ratios</i>	8.32	5.56	3.79	4.28	4.24	Na	4.17	Na	2.55	Na	2.39

* Ratios are based on the 2008-09 K-12 student population: 892,078
[203,753 K-2, 204,005 3-5, 202,379 6-8, and 282,441 9-12]

3) **Internet connected and multimedia equipped computers by location within school building.**

COMPUTER / CONNECTION TYPE	Labs	Classrooms					LMCs	Admin.	Total
		PreK-2	3-5	6-8	9-12	ACC			
Multimedia-Equipped	103,444	33,453	48,134	42,083	61,632	8,527	26,275	22,161	345,709
Internet-Connected	108,211	34,429	50,884	44,054	65,304	8,703	27,794	23,458	362,837
Wired Connection									
Desktops	85,102	29,259	40,324	32,952	50,607	7,273	22,691	18,941	287,149
Laptops	1,954	821	1,567	1,212	1,908	407	615	1,562	10,046
Handhelds	58	345	894	573	229	58	7	203	2,367
Wireless Connection									
Desktops	2,011	308	1,836	553	1,163	143	412	173	6,599
Laptops	18,854	3,471	5,789	8,338	10,876	797	3,906	1,916	53,947
Handhelds	232	225	474	426	521	25	163	663	2,729

Multimedia and Internet Computer Summary Statistics

Location / Computer Device	Labs	Classrooms Rooms						Library Centers	Rooms Total	Admin. Offices	TOTAL
		PreK-2	3-5	6-8	9-12	Career	subtotal				
INTERNET											
Number	108211	34429	50884	44054	65304	8703	203374	27794	339379	23458	362837
Percent of All	29.8	9.5	14.0	12.1	17.9	2.4	56.0	7.7	93.5	6.5	100.0
Student Ratios	8.24	5.90	4.01	4.59	4.33	Na	4.39	Na	2.63	Na	2.46
MULTIMEDIA											
Number	103444	33453	48134	42083	61632	8527	193829	26275	323549	22161	345709
Percent of All	29.9	9.7	13.9	12.2	17.8	2.5	56.1	7.6	93.6	6.4	100.0
Student Ratios	8.62	6.08	4.24	4.81	4.58	Na	4.60	Na	2.76	Na	2.58

4) **Technology by type and location within school building.**

	Labs	Classrooms					LMCs	Rooms Total	Admin.	Total
		PreK-2	3-5	6-8	9-12	ACC				
TOTAL ROOMS	4,173	14,135	13,453	14,336	19,588	1,996	2,293	69,974	13,358	83,332
Percent rooms with...										
telephone access	71%	66%	65%	67%	70%	74%	88%	68%	96%	73%
	2,966	9,259	8,780	9,645	13,788	1,474	2,020	47,932	12,831	60,763
Internet access (wired or wireless)	99%	99%	99%	99%	99%	97%	97%	99%	98%	99%
	4,120	14,010	13,324	14,172	19,485	1,942	2,218	69,271	13,045	82,316
one or more multimedia equipped computers	96%	96%	96%	96%	95%	92%	94%	96%	93%	95%
	4,003	13,568	12,945	13,710	18,653	1,846	2,147	66,872	12,395	79,267
one or more multimedia computers connected to Internet	95%	95%	95%	94%	94%	91%	92%	94%	91%	94%
	3,978	13,407	12,813	13,470	18,492	1,817	2,116	66,093	12,149	78,242
one+ Internet-connected multimedia computer with access to a printer, and a dedicated projection device	75%	52%	65%	57%	55%	37%	59%	57%	19%	51%
	3,112	7,375	8,693	8,115	10,709	737	1,357	40,098	2,535	42,633

5) **Estimated typical (average) timeframe for resolving minor or routine technical problems/repairs.** (Check One)

NUMBER WORKING DAYS	Buildings	Percent
1 day	1,084	48%
2 to 3 days	886	39%
4 to 6 days	187	8%
7 or more days	93	4%

6) **Estimated percentage of computers in working order on a typical (average) day.** Median = 98%.

INTERNET CONNECTIVITY- DISTANCE LEARNING

1) **School building Internet connection by bandwidth and delivery mode.** (Check one in each column)

BANDWIDTH	Buildings	Percent
56kb – 384 kb	20	1%
385kb – 1.4mb	91	4%
1.5mb (T1) – 9.9mb	1,062	47%
10mb – 45mb	523	23%
45mb – 100mb	277	12%
>100mb	273	12%
None	4	<1%

DELIVERY MODE	Buildings	Percent
Copper line	556	25%
Fiber	1,474	66%
DSL	97	4%
Satellite	4	<1%
Other: (Wireless=31)	101	4%
None/Unknown	17	1%

2) **Estimated percentage of computers connected to school building LAN (or district WAN).** Median = 100%

3) **Distance learning system(s) available to students in school building.** (Check ALL that apply)

DISTANCE LEARNING SYSTEM	Buildings	Percent
I-TV: two-way interactive (audio and video) television	430	19%
Desktop video conferencing: two-way interactive instruction	345	15%
Web-based online instruction via Internet: non-interactive	1,271	56%
Satellite: one-way instructional video	218	10%
Cable TV: one-way instructional video	1,064	47%
Other: (United Streaming = 76, Moodle = 11)	130	6%
None	423	19%

TECHNOLOGY USAGE

1) **Estimated percentage of administrators, teachers, and students routinely using following applications.**

APPLICATION	Administrators	Teachers	Students
Educational software	53%	83%	80%
Email	98%	98%	15%
EBSCO host	17%	26%	24%
Electronic encyclopedia	20%	36%	38%
Newsbank	10%	15%	13%

2) **Estimated percentage of administrators, teachers, and students routinely using computers for following functions.**

FUNCTION	Administrators	Teachers	Students
Produce media, web, or multimedia products to demonstrate learning, make presentations	70%	69%	52%
Produce written or print products to demonstrate learning, make presentations	85%	86%	64%
Communicate with peers, experts, others	96%	95%	26%
Communicate with parents and students	90%	86%	19%
Conduct online research	85%	83%	62%
Participate in online courses (this year)	16%	19%	5%
Manage student records (spreadsheet/database)	91%	89%	Na
Track student performance	90%	89%	Na
Assess student performance	81%	85%	Na
Deliver and present instruction	48%	77%	Na
Prepare lesson plan(s)	Na	81%	Na

3) **Estimated total FTE of staff or others directly responsible for integration of technology into curriculum and instruction.** (Check all that apply)

EMPLOYEE TYPE	Number Buildings	Percent Buildings	Median FTE
Instructional tech specialist	1,044	46%	0.25
Library/media specialist	1,462	65%	0.10
School administrator	1,243	55%	0.10
Teacher	890	40%	0.20
School technical staff	273	12%	0.25
District technical staff	752	33%	0.25
Other: Program Coordinators = 108 (such as curriculum, instruction, other)	145	6%	0.25
None	91	4%	Na

Median Building Total: 1.40 FTE

NON-EMPLOYEE SERVICE PROVIDER	Total Hours	Number Buildings	Percent Buildings	Median Hours
Students	354	31	1%	3
Regional center/RPDC	524	95	4%	3
Other: Contracted services /vendors = 22	1,156	75	3%	Na
None	Na	2,052	91%	Na

4) **Estimated percentage of teaching staff fully integrating technology into curriculum and instruction.**
Median = 70%

5) **School (or district) supported technology-mediated feedback.** (Check ALL that apply)

FEEDBACK SYSTEM	Buildings	Percent
Automated absentee system	774	34%
Electronic bulletin board	666	30%
Email	2,194	98%
Homework hotline via web	488	23%
Homework hotline via telephone	289	13%
Listservs	322	14%
Voice Mail	1,445	64%
Other: Electronic Grade Book = 275 Auto Call/Text = 130 Blackboard/Moodle = 41	719	32%
None	26	1%