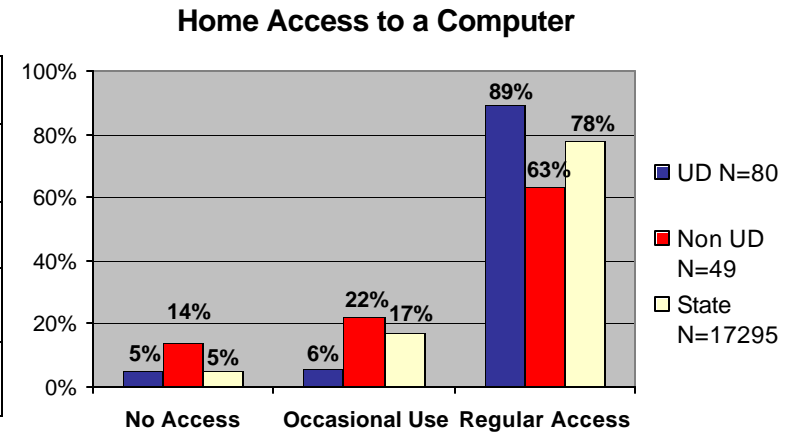


# C-TAP 2004 Technology Use Survey Results

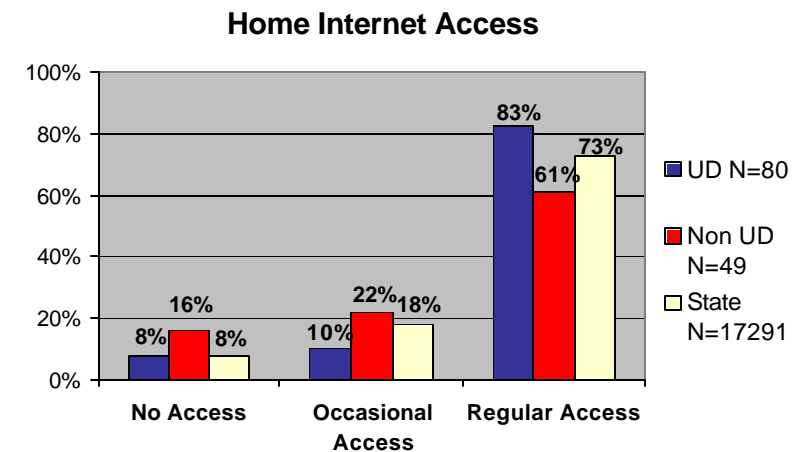
Comparing Urban Dreams, Non Urban Dreams, and California State High School Teachers  
(History/Social Science and Language Arts)

## Personal Use

1) Select the one that best describes your home computer access.	Percentage			N=		
	UD	Non UD	CA State	UD	Non UD	CA State
I do not have access to a computer at home.	5%	14%	5%	80	49	17295
I occasionally use my computer at home.	6%	22%	17%	80	49	17295
I regularly use my computer at home.	89%	63%	78%	80	49	17295



2) Select the one that best describes your home Internet access	Percentage			N=		
	UD	Non UD	CA State	UD	Non UD	CA State
I do not have access to the Internet at home.	8%	16%	8%	80	49	17291
I occasionally access the Internet at home.	10%	22%	18%	80	49	17291
I regularly access the Internet at home.	83%	61%	73%	80	49	17291



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3) How often teachers use the following technology tools for classroom management? (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Available, but I never use it		Not available		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Computers and Peripherals (scanner, printers, etc.)	48%	27%	24%	24%	14%	16%	4%	10%	6%	8%	5%	14%	80	49
Video based presentation devices (VCR/DVD, laser disc player, LCD projector, etc.)	6%	4%	19%	16%	41%	27%	13%	20%	8%	14%	14%	18%	80	49
Video based creation tools (video camera, digital camera, etc.)	4%	4%	4%	2%	15%	10%	25%	16%	21%	20%	31%	47%	80	49
Internet	34%	27%	24%	16%	20%	14%	10%	18%	4%	8%	9%	16%	80	49
Email	38%	24%	16%	20%	19%	6%	9%	14%	10%	12%	9%	22%	80	49
Hand-held electronic devices (PDA, GPS, heart monitor, etc.)	6%	4%	5%	6%	3%	6%	8%	6%	6%	12%	73%	65%	80	49

4) How often teachers use the following technology tools for classroom instruction. (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Available, but I never use it		Not available		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Computers and Peripherals (scanner, printers, etc.)	41%	27%	26%	29%	16%	6%	9%	12%	5%	12%	3%	14%	80	49
Video based presentation devices (VCR/DVD, laser disc player, LCD projector, etc.)	5%	4%	33%	10%	29%	24%	13%	20%	9%	12%	13%	29%	80	49
Video based creation tools (video camera, digital camera, etc.)	4%	6%	6%	2%	16%	12%	23%	14%	19%	18%	33%	47%	80	49
Internet	24%	18%	35%	18%	16%	10%	11%	16%	9%	14%	5%	22%	80	49
Email	21%	18%	23%	12%	16%	12%	8%	12%	18%	26%	27%	35%	80	49

CTAP Technology Use Survey

4) How often teachers use the following technology tools for classroom instruction. (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Available, but I never use it		Not available		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Hand-held electronic devices (PDA, GPS, heart monitor, etc.)	5%	2%	4%	2%	4%	4%	4%	8%	9%	14%	75%	69%	80	49

5) How often and in what subjects do you use technology tools for instruction? (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Never		Not applicable		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Reading/Language Arts	29%	11%	18%	17%	16%	17%	8%	17%	5%	11%	25%	27%	80	49
History/Social Science	20%	8%	15%	10%	19%	16%	8%	21%	6%	12%	33%	33%	80	49

6) In what ways and to what degree do you use technology tools (computers, video, Internet, and hand-held devices) at your school? (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Never		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Create instructional materials	43%	16%	35%	31%	13%	18%	1%	16%	9%	18%	80	49
Deliver classroom instruction	21%	12%	29%	16%	26%	20%	6%	24%	18%	27%	80	49
Manage student grades and attendance	29%	22%	16%	14%	6%	14%	10%	12%	39%	37%	80	49
Communicate with colleagues	14%	9%	35%	18%	25%	20%	11%	22%	10%	24%	80	49
Communicate with parents or students	13%	6%	13%	8%	23%	24%	21%	24%	31%	37%	80	49

CTAP Technology Use Survey

6) In what ways and to what degree do you use technology tools (computers, video, Internet, and hand-held devices) at your school? (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Never		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Gather information for planning lessons	28%	10%	36%	16%	26%	35%	1%	20%	9%	18%	80	49
Access model lesson plans and best practices	18%	8%	28%	12%	26%	29%	14%	27%	15%	24%	80	49

Teachers' access to an electronic student information system	Yes		No		N=	
	UD	Non UD	UD	Non UD	UD	Non UD
7) Do you have access to an electronic student information system, such as SASI, Chancery, Schoolwise, DMG/Maximus, PowerSchool, or a district developed system?	22%	27%	78%	73%	46	44
8) Do you use an electronic student information system, such as SASI, Chancery, Schoolwise, DMG/Maximus, PowerSchool, or a district developed system, to make decisions in lesson design and implementation to improve student academic achievement?	11%	14%	89%	86%	47	44

9) To what degree do you use the following technology tools at your school to support and improve home/school communication? (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Never		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Voice Mail	15%	11%	15%	5%	15%	9%	0%	11%	54%	64%	46	44
School web site with class related information, such as assignments, grades, upcoming events, parental information, etc.	6%	2%	4%	9%	11%	2%	17%	25%	62%	61%	47	44
Video Conferencing	2%	2%	0%	0%	4%	2%	4%	7%	89%	89%	46	44
Electronic Grading System	17%	11%	11%	11%	11%	9%	11%	9%	10%	59%	47	44
Online Student Assessments	4%	5%	0%	0%	6%	0%	4%	14%	85%	82%	47	44

10) Indicate your familiarity with the following assistive technologies (AT):	I didn't realize these were assistive technologies.		I am familiar with these AT, but have never used them in my classroom.		I use or have used these AT in my classroom.		I can identify a student's need for varying levels of AT.		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
<b>Low- level assistive technologies</b> (i.e., pencil grips, raised line paper, word cards, slant board, etc.)	38%	51%	43%	26%	4%	9%	15%	14%	47	43
<b>Medium- level assistive technologies</b> (i.e., talking calculators, headphones, word prediction software, electronic/talking dictionary, etc.)	26%	39%	55%	41%	6%	11%	13%	9%	47	44
<b>High- level assistive technologies</b> (i.e. hearing aids, Braille readers/typers, recorded materials, Kurzweill readers, pointing apparatuses, voice recognition software, etc.)	26%	39%	53%	27%	6%	20%	15%	14%	47	44

**Student Use**

12) In what locations do your students use technology tools (computers, video, Internet, and hand-held devices) for your classroom assignments? (Select all that apply.)	Library media center		Computer Lab		Classroom or other instructional areas		My students don't use technology tools.		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
My students use technology tools in	32%	34%	25%	25%	42%	35%	2%	5%	158	93

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13) How often do your classroom assignments require students to use the following technology tools? (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Available, but I never use it		Not available		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Computers and peripherals (scanner, printer, etc.)	16%	10%	27%	18%	35%	22%	13%	24%	6%	10%	3%	14%	79	49
Video based presentation devices (VCR/DVD, laser disc player, LCD projector, etc.)	4%	2%	9%	12%	32%	10%	19%	24%	16%	22%	20%	29%	79	49
Video based creation tools (video camera, digital camera, etc.)	4%	2%	4%	6%	11%	4%	24%	12%	23%	27%	34%	49%	79	49
Internet	16%	8%	22%	18%	28%	16%	22%	18%	10%	18%	3%	20%	79	49
Email	11%	4%	18%	16%	10%	14%	13%	6%	28%	31%	20%	29%	79	49
Hand-held electronic devices (PDA, GPS, heart monitor, etc.)	4%	2%	1%	4%	0%	8%	4%	2%	10%	16%	81%	67%	79	49

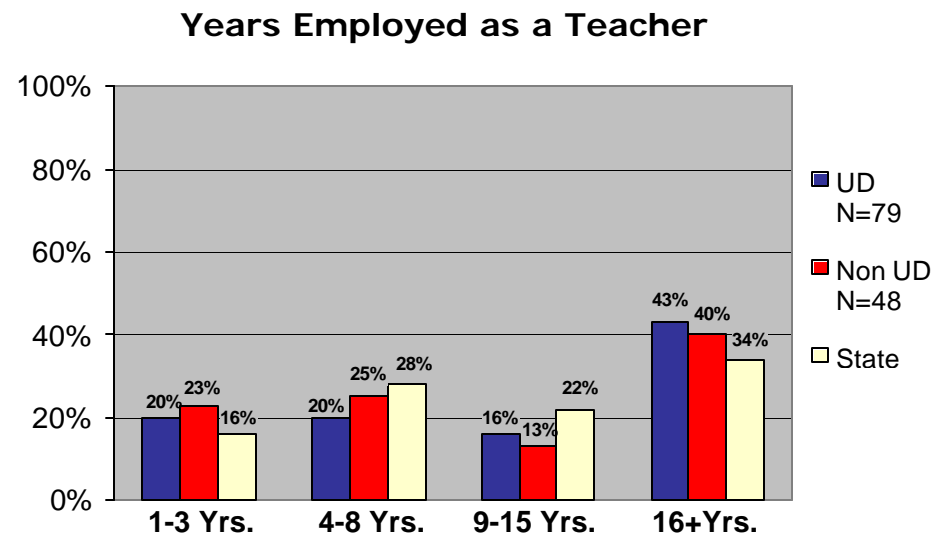
14) How often do you assign students <i>in your typical class</i> , work that involves using technology (computers, video, Internet, and hand-held devices)? (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Never		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Word processing	16%	8%	29%	16%	38%	39%	11%	14%	5%	22%	79	49
Reinforcement and practice	9%	6%	23%	14%	27%	20%	18%	22%	24%	37%	79	49
Research, using the Internet and/or CD-ROMs	9%	4%	23%	20%	41%	29%	22%	24%	6%	22%	79	49
Creating reports or projects	6%	4%	23%	12%	41%	35%	27%	20%	4%	29%	79	49
Demonstrations or simulations	5%	4%	13%	16%	25%	10%	28%	20%	29%	49%	79	49
Correspondence with experts, authors, students from other schools, etc., via email or Internet	4%	4%	6%	8%	13%	14%	29%	22%	48%	51%	79	49

CTAP Technology Use Survey

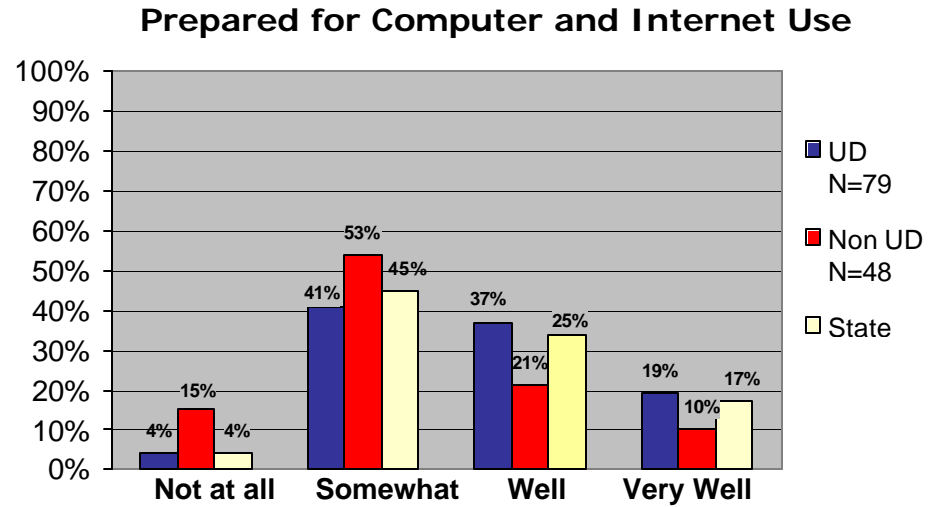
14) How often do you assign students <i>in your typical class</i> , work that involves using technology (computers, video, Internet, and hand-held devices)? (Select all that apply.)	Daily		2-4 days a week		Between once a week and monthly		Less than monthly		Never		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Solving problems or analyzing data	5%	6%	10%	10%	20%	14%	22%	18%	43%	51%	79	49
Graphically presenting information	5%	4%	6%	10%	22%	10%	29%	31%	28%	45%	79	49

Staff Development Needs

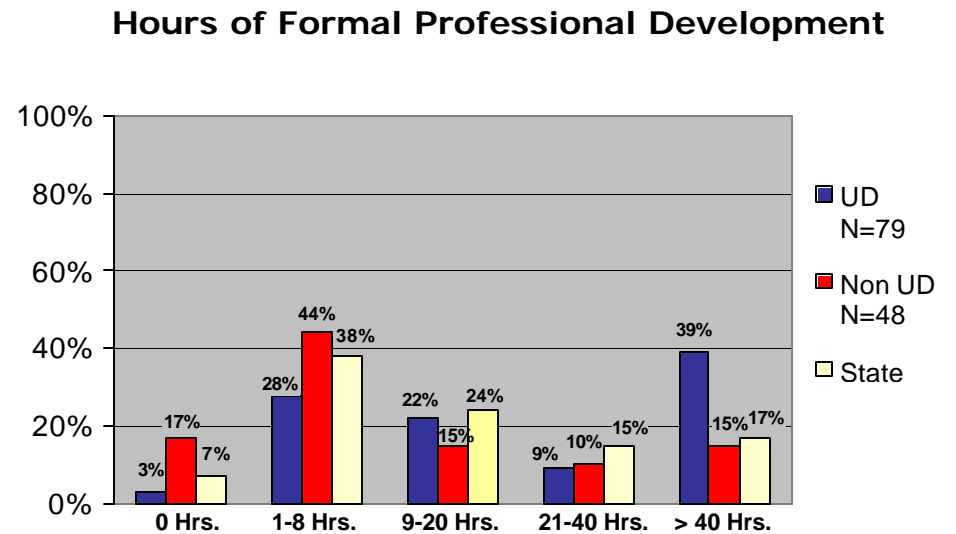
15) Including this school year, how many years have you been employed as a teacher? (Include years spent teaching both full and part time in public and/or private schools.)	Percentage			N=		
	UD	Non UD	CA State	UD	Non UD	CA State
1-3 years	20%	23%	16%	79	48	16963
4-8 years	20%	25%	28%	79	48	16963
9-15 years	16%	13%	22%	79	48	16963
16+ years	43%	40%	34%	79	48	16963



16) In your opinion, how well prepared are you to use computers and/or the Internet for classroom instruction?	Percentage			N=		
	UD	Non UD	CA State	UD	Non UD	CA State
Not at all prepared	4%	15%	4%	79	48	16964
Somewhat prepared	41%	54%	45%	79	48	16964
Well prepared	37%	21%	34%	79	48	16964
Very well prepared	19%	10%	17%	79	48	16964



17) How many hours of formal professional development in the use of computers and the Internet did you participate in during the last 3 years	Percentage			N=		
	UD	Non UD	CA State	UD	Non UD	CA State
0 hours	3%	17%	7%	79	48	16963
1-8 hours	28%	44%	38%	79	48	16963
9-20 hours	22%	15%	24%	79	48	16963
21-40 hours	9%	10%	15%	79	48	16963
More than 40 hours	39%	15%	17%	79	48	16963



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18) Indicate your needs and preferences regarding the type or level of technology training at your school. (Select all that apply.)	Basic computer/technology skills		Integrating technology into the curriculum		Neither		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
I need opportunities to participate in educational technology staff development focused on:	22%	39%	74%	54%	3%	7%	94	59

19) Indicate your needs and preferences regarding the format for technology training at your school. (Select all that apply.)	One-on-one informal technology training.		Small group technology training.		Online web-based technology training.		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
The training format I prefer is:	30%	33%	48%	53%	22%	15%	119	55

20) Indicate your needs and preferences regarding the availability of technology training at your school. (Select all that apply.)	During the school day.		After school.		In the evening.		On the weekend.		During the summer/off track.		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
I prefer technology training to be offered:	27%	41%	28%	27%	8%	3%	8%	6%	29%	23%	149	66

21) How often do you experience technical problems when using computer-based technology tools in your typical classroom? (Select all that apply.) <b>Our classroom computer-based technology has:</b>	Daily		Weekly		Monthly		Less than monthly		Rarely		Never Use		Not available		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Hardware problems	6%	15%	19%	10%	21%	13%	12%	6%	35%	31%	1%	8%	6%	17%	78	48
Software Problems	4%	13%	14%	8%	14%	13%	19%	13%	40%	27%	1%	8%	8%	19%	78	48

CTAP Technology Use Survey

21) How often do you experience technical problems when using computer-based technology tools in your typical classroom? (Select all that apply.) Our classroom computer-based technology has:	Daily		Weekly		Monthly		Less than monthly		Rarely		Never Use		Not available		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Network/Internet Problems	5%	17%	33%	10%	22%	15%	14%	8%	7%	21%	1%	8%	8%	21%	78	48

22) How often do you experience technical problems when using computer-based technology tools in the library media center? (Select all that apply.) Our library media center computer-based technology has:	Every time		Frequently		Occasionally		Never		N/A		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Hardware problems	1%	6%	13%	2%	26%	27%	15%	17%	45%	48%	78	48
Software Problem	1%	6%	8%	4%	32%	27%	14%	13%	45%	50%	78	48
Network/Internet Problems	1%	8%	23%	2%	24%	31%	9%	8%	42%	50%	78	48

23) How often do you experience technical problems when using computer-based technology tools in shared access areas? (Select all that apply.) Our shared access areas (labs and other) computer-based technology has:	Every time		Frequently		Occasionally		Never		N/A		N=	
	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD	UD	Non UD
Hardware problems	3%	6%	17%	2%	18%	27%	12%	6%	51%	58%	78	48
Software Problems	1%	6%	13%	6%	21%	17%	12%	13%	54%	58%	78	48
Network/Internet Problems	1%	8%	22%	4%	17%	23%	9%	8%	51%	56%	78	48

24) Indicate your experience regarding technical support (hardware, software, network/Internet problems - not training). Select the one that best fits your experience.	Percentage			N=		
	UD	Non UD	CA State	UD	Non UD	CA State
2 hours or less	9%	21%	22%	78	48	16963
More than 2 hours, but by the end of the day	10%	27%	22%	78	48	16963
Within 2-5 work days	33%	10%	36%	78	48	16963
More than a week, but less than a month	26%	21%	15%	78	48	16963
A month or more	22%	21%	7%	78	48	16963

**Typical Response Time When Teachers Report a Technical Problem**

