Table 3. **Purposes and Frequency of Computer Use at Home by Persons 3 to 17 Years Old: October 1989**

(Numbers in thousands)

Characteristic	All persons	Persons using computer at home	Percent	Uses reported[1]									
				Word processing	School	Bulletin board	Learning to use	Spread-sheet	Program-ming	Graphics	Video games	Electronic mail	Other/ don't know
Total, 3 to 17 years old	52,667	8,547	16.2	24.8	39.5	2.3	24.9	1.3	5.8	11.7	84.3	0.5	9.3
3 - 5 years	11,039	766	6.9	4.7	4.3	0.5	32.0	0.0	0.7	3.7	83.6	0.0	9.4
6 years	3,713	441	11.9	4.8	10.9	0.0	33.1	0.0	0.5	5.0	88.4	0.0	9.1
7 years	3,709	496	13.4	9.3	14.1	0.0	25.8	0.0	1.0	7.1	91.3	0.0	9.5
8 years	3,585	595	16.6	11.4	23.4	0.3	30.9	0.0	2.0	8.6	89.1	0.2	9.4
9 years	3,624	622	17.2	17.5	29.9	1.1	24.9	0.3	3.1	10.0	90.4	0.8	11.9
10 years	3,574	733	20.5	22.9	39.3	1.0	26.5	1.0	4.4	15.4	88.7	0.3	6.5
11 years	3,475	688	19.8	19.6	40.3	2.6	26.6	1.5	3.3	13.7	87.1	0.3	6.3
12 years	3,440	745	21.7	23.5	46.8	2.3	23.8	0.8	5.6	12.9	86.6	0.1	6.6
13 years	3,190	775	24.3	33.2	52.9	5.7	29.8	2.2	9.4	15.9	84.0	0.8	5.7
14 years	3,298	669	20.3	36.6	56.1	3.3	21.4	1.3	7.2	14.5	83.9	1.6	5.4
15 years	3,274	690	21.1	37.7	57.2	4.5	19.4	2.2	10.6	12.6	80.6	0.3	11.3
16 years	3,313	678	20.5	41.3	59.0	2.5	14.0	1.5	9.4	13.7	74.5	0.4	9.7
17 years	3,433	649	18.9	48.8	62.9	3.9	17.4	5.4	14.6	15.7	71.6	1.2	22.5
Race:													
White	42,262	7,685	18.2	25.5	39.4	2.3	24.9	1.4	5.7	12.4	84.8	0.5	9.2
Black	8,212	518	6.3	12.5	41.1	1.0	23.4	0.0	7.3	6.2	79.5	0.0	12.0
Other	2,193	344	15.7	27.9	40.1	2.6	26.2	1.7	4.4	4.9	79.9	0.3	9.3
Hispanic origin:													
Hispanic	5,734	326	5.7	19.3	43.9	4.0	30.7	1.8	7.7	13.8	81.9	1.2	9.2
Non-Hispanic	46,933	8,222	17.5	25.0	39.3	2.2	24.7	1.3	5.7	11.7	84.4	0.5	9.4
Sex:													
Male	26,989	4,756	17.6	23.1	38.3	2.5	24.0	1.6	7.3	11.6	87.7	0.6	8.9
Female	25,678	3,791	14.8	26.8	41.1	2.0	26.0	0.9	3.8	11.9	80.1	0.3	9.9
Uses computer at school	20,664	4,995	24.2	26.8	45.5	2.7	27.5	1.6	6.8	13.3	85.2	0.5	9.9
Household type:													
Married couple	39,005	7,522	19.3	25.1	39.3	2.2	24.2	1.3	5.5	11.9	84.5	0.5	9.1
Female householder no spouse present	11,500	764	6.6	21.2	44.4	3.1	29.5	2.0	9.9	11.5	82.6	0.0	11.1
Male householder no spouse present	2,162	261	12.1	26.4	31.4	3.1	30.7	0.8	2.7	8.4	84.7	1.1	11.5
Region:													
Northeast	9,586	1,916	20.0	27.4	40.2	2.7	28.8	1.5	5.7	13.3	85.7	0.7	9.3
Midwest	13,248	2,209	16.7	22.9	37.1	1.8	22.0	1.4	5.6	12.1	86.0	0.4	8.6
South	18,369	2,486	13.5	21.0	39.6	2.7	26.0	1.1	6.9	11.7	83.2	0.6	11.5
West	11,464	1,937	16.9	29.1	41.5	1.9	23.0	1.2	4.4	9.9	82.4	0.1	7.5
Educational attainment of householder:													
Elementary: 0-8 years	4,821	87	1.8	23.0	42.5	0.0	20.7	6.9	8.0	11.5	88.5	0.0	9.2
High school: 1-3 years	6,475	326	5.0	13.2	29.8	1.5	22.1	0.3	11.3	14.1	80.4	0.3	12.3
High school: 4 years	19,790	2,113	10.7	17.2	38.3	2.6	25.5	1.4	7.2	9.1	85.3	0.7	9.8
College: 1-3 years	10,095	2,075	20.6	22.1	37.8	1.6	26.8	1.3	6.2	9.8	84.9	0.3	8.8
College: 4 years or more	11,485	3,946	34.4	31.2	41.8	2.6	23.9	1.2	4.2	13.9	83.7	0.5	9.1
Empolyment status of householder:													
Employed	43,626	8,049	18.5	25.0	39.5	2.4	24.8	1.3	5.8	12.2	84.8	0.5	9.1
Full-time	41,405	7,743	18.7	25.1	39.8	2.4	24.7	1.4	5.9	12.3	84.8	0.5	9.1
Part-time	2,221	306	13.8	22.2	30.4	2.0	28.8	1.0	4.6	8.8	85.9	1.0	9.5
Unemployed	1,967	106	5.4	10.4	35.8	0.9	30.2	1.9	1.9	0.0	76.4	0.0	10.4
Not in labor force	7,074	392	5.5	23.5	41.1	0.8	25.3	0.8	6.4	6.4	76.0	0.0	14.3

Table 3. **Purposes and Frequency of Computer Use at Home by Persons 3 to 17 Years Old: October 1989**—Continued

(Numbers in thousands)

Characteristic	All persons	Persons using computer at home	Percent	Uses reported[1]									
				Word processing	School	Bulletin board	Learning to use	Spread-sheet	Program-ming	Graphics	Video games	Electronic mail	Other/ don't know
Family income:													
Less than $10,000	8,639	293	3.4	25.9	36.2	4.4	36.5	1.0	3.8	14.0	75.8	2.0	9.6
$10,000 - 14,999	5,141	263	5.1	12.9	35.0	1.9	33.8	0.0	8.7	9.5	78.3	0.0	8.7
$15,000 - 19,999	8,415	783	9.3	17.5	32.2	1.3	26.4	1.5	9.6	10.0	82.6	0.0	9.5
$20,000 - 24,999	4,205	641	15.2	19.2	27.1	0.9	26.1	1.2	3.7	7.2	89.9	0.5	8.7
$25,000 - 34,999	8,466	1,489	17.6	21.8	39.8	2.4	20.8	0.8	5.5	11.7	85.3	0.8	9.2
$35,000 - 49,999	8,615	2,253	26.2	25.9	41.5	2.6	26.1	2.4	5.7	13.0	86.6	0.3	9.2
$50,000 - 74,999	2,576	833	32.3	28.8	39.7	1.1	19.0	0.2	4.1	11.4	85.6	0.0	7.0
$75,000 or more	3,236	1,488	46.0	33.1	46.8	3.0	26.5	1.2	5.3	13.0	80.0	1.0	9.8
Income not reported	3,374	505	15.0	20.6	39.6	2.6	21.8	0.6	7.5	11.3	84.8	0.0	14.1
Household size:													
1-3 persons	11,034	1,473	13.3	27.1	43.3	3.3	30.8	3.1	8.9	12.6	84.1	0.8	9.8
4-5 persons	32,044	5,822	18.2	24.6	38.8	2.3	24.4	0.9	5.4	12.0	84.0	0.5	10.0
6-7 persons	7,837	1,100	14.0	21.5	39.6	1.1	21.0	1.2	3.8	8.8	87.0	0.2	4.8
8 persons or more	1,752	153	8.7	30.1	28.8	1.3	13.7	1.3	4.6	15.7	79.7	0.7	14.4
Occupation of householder:													
Managerial and professional	12,378	3,925	31.7	30.4	40.9	2.3	25.1	1.3	4.6	12.7	83.2	0.5	8.7
Technical, sales, and administrative support	9,279	1,807	19.5	24.2	40.0	3.1	24.5	1.3	6.3	12.1	86.6	0.9	10.2
Service	4,603	356	7.7	12.1	37.4	2.0	21.6	1.1	6.7	5.6	86.2	0.3	7.6
Precision production, craft, and repair	8,065	1,002	12.4	15.0	36.2	2.5	27.8	1.7	6.9	12.2	87.5	0.3	10.2
Operators, laborers, and fabricators	8,542	650	7.6	17.7	34.9	1.1	25.4	1.5	7.7	12.2	82.9	0.5	8.6
Farming, forestry, and fishing	1,836	196	10.7	21.9	40.3	1.5	20.4	2.0	10.7	14.8	88.8	0.0	7.1
Never worked/not in labor force/Armed Forces	7,964	612	7.7	21.9	40.7	0.7	22.9	0.5	5.6	5.7	78.4	0.0	12.3
Industry of householder:													
Agriculture	1,691	197	11.6	25.9	44.2	1.5	21.8	2.0	8.1	15.2	87.8	0.5	7.6
Mining	470	85	18.1	20.0	40.0	3.5	25.9	1.2	5.9	9.4	91.8	0.0	12.9
Construction	4,476	500	11.2	12.8	34.4	2.0	22.0	0.8	3.8	8.8	79.4	0.0	14.6
Manufacturing	10,595	1,833	17.3	22.8	37.7	2.5	28.3	2.0	5.9	12.5	85.7	0.3	9.3
Transportation, communication, and other public utilities	4,096	715	17.5	25.5	40.0	2.5	20.3	0.7	5.7	10.1	84.1	0.6	10.5
Wholesale and retail trade	7,314	1,133	15.5	21.3	38.9	2.0	25.8	0.9	5.6	12.1	87.6	0.9	9.4
Finance, insurance and real estate	2,052	515	25.1	26.6	46.6	2.5	26.2	1.6	6.0	10.9	84.5	1.6	6.8
Services	11,347	2,441	21.5	29.7	41.0	2.3	24.6	1.0	5.6	13.1	83.3	0.5	8.4
Forestry and fisheries	130	38	29.2	23.7	36.8	0.0	21.1	0.0	7.9	5.3	94.7	0.0	2.6
Public administration	2,533	480	18.9	28.8	33.8	4.0	24.0	3.1	7.5	14.8	86.0	0.2	7.5
Never worked/not in labor force/Armed Forces	7,964	612	7.7	21.9	40.7	0.7	22.9	0.5	5.6	5.7	78.4	0.0	12.3

[1]Multiple uses allowed by respondents.