

Table A1. Means and standard errors of characteristics of dental practice(s) attended by participants during follow-up, by race and level of formal education

Dental practice characteristic	AA low education	NHW low education	AA high education	NHW high education	stat. significance*
Practice setting					
Number of general dental practices attended	1.07 (0.07)	1.21 (0.04)	1.20 (0.09)	1.29 (0.03)	--
Number of specialty practices attended	0.01 (0.05)	0.15 (0.03)	0.15 (0.07)	0.18 (0.03)	--
Practice busyness rating	1.95 (0.12)	2.21 (0.07)	2.13 (0.15)	2.44 (0.06)	1
<u>Typical time a patient has to wait ...</u>					
for a new patient exam appointment (in days)	27.11 (3.33)	19.87 (2.05)	22.11 (4.18)	17.63 (1.61)	1
for a restorative dentistry appointment (in days)	25.21 (2.68)	18.66 (1.66)	20.04 (3.36)	13.71 (1.30)	1,2
in waiting room (in minutes)	17.31 (1.18)	12.23 (0.73)	14.97 (1.48)	11.28 (0.57)	1
Percent of visits in practice due to unscheduled care	9.97 (1.27)	10.12 (0.79)	9.54 (1.60)	8.39 (0.62)	--
Number of patient visits each week done by dentist	65.33 (3.69)	58.46 (2.27)	61.21 (4.63)	52.97 (1.79)	1
Number of hours each week in direct patient care	30.02 (0.97)	32.51 (0.59)	28.84 (1.20)	32.48 (0.46)	1
Number of dental chairs regularly used	5.27 (0.37)	4.76 (0.23)	5.39 (0.47)	4.24 (0.18)	1
Number of full-time staff	3.48 (0.26)	3.95 (0.16)	3.89 (0.33)	3.80 (0.13)	--
Number of part-time staff	2.27 (0.18)	1.96 (0.11)	2.22 (0.23)	1.80 (0.09)	1
Patient population					
<u>Percent of patients who are ...</u>					
covered by a private insurance program	40.17 (2.83)	51.78 (1.74)	42.99 (3.55)	55.19 (1.37)	1
covered by a public program	16.69 (1.64)	9.69 (1.01)	15.60 (2.06)	8.86 (0.79)	1
not covered by any third party and pay own bills	40.73 (2.73)	36.24 (1.68)	29.63 (3.43)	33.50 (1.32)	2
not covered and receive free or reduced-fee care	2.11 (0.73)	1.98 (0.45)	4.94 (0.91)	2.32 (0.35)	1,2

<u>Percent of practice charges derived from ...</u>					
dental insurance	46.74 (2.61)	51.72 (1.61)	46.77 (3.27)	52.63 (1.26)	1
self-pay	44.87 (2.60)	42.13 (1.60)	35.93 (3.26)	40.72 (1.26)	2
unpaid bills	5.02 (0.74)	3.56 (0.46)	5.87 (0.93)	5.12 (0.36)	--
other	2.78 (0.79)	2.28 (0.48)	3.75 (0.99)	0.74 (0.38)	1
Percent of patients on extended payment schedules	12.46 (2.88)	14.89 (1.77)	10.46 (3.61)	15.68 (1.40)	--
<u>Percent of patients who ...</u>					
seek care soon enough	46.51 (2.68)	60.29 (1.65)	45.50 (3.46)	63.80 (1.30)	1
fear dentists	44.85 (3.64)	35.64 (2.24)	45.86 (4.60)	34.77 (1.76)	1
visit dentists more often than necessary	2.99 (0.61)	4.16 (0.38)	2.90 (0.76)	3.63 (0.30)	--
complain about waiting	10.27(1.53)	5.60 (0.95)	4.18 (1.93)	4.78 (0.74)	2
pay their bills	82.88 (3.35)	88.25 (2.06)	72.83 (4.20)	84.89 (1.62)	1,2
follow advice about dental hygiene	44.93 (2.97)	55.81 (1.84)	48.88 (3.72)	56.03 (1.45)	1
show for appointments as scheduled	84.16 (1.26)	86.43 (0.78)	78.05 (1.59)	86.05 (0.61)	1,2,3
take responsibility for their oral health	57.41 (2.82)	66.99 (1.75)	56.46 (3.54)	70.72 (1.39)	1
treat me with the respect that I deserve	80.33 (3.34)	88.61 (2.06)	72.42 (4.20)	86.57 (1.62)	1
want to know details about condition of their mouths	65.75 (3.60)	72.71 (2.22)	58.51 (4.52)	68.64 (1.74)	1
want to know details about their treatment options	73.64 (3.16)	75.87 (1.95)	65.94 (3.96)	72.67 (1.53)	--
use credit cards to pay for their treatment	16.20 (1.77)	16.71 (1.09)	15.25 (2.23)	22.23 (0.87)	1,3
<u>Percent of patients who are ...</u>					
1-18 years old	15.48 (0.95)	14.80 (0.59)	15.70 (1.23)	14.28 (0.46)	--
19-44 years old	28.91 (1.24)	28.60 (0.77)	27.87 (1.60)	31.15 (0.60)	--
45-64 years old	36.54 (1.33)	35.88 (0.82)	34.27 (1.72)	35.34 (0.65)	--
65 years old or older	19.07 (1.23)	20.42 (0.76)	15.84 (1.59)	18.99 (0.60)	1,2
<u>Percent of patients who are ...</u>					
non-Hispanic White	50.78 (2.21)	65.08 (1.36)	49.87 (2.87)	68.83 (1.08)	1
non-Hispanic Black	44.28 (2.08)	29.15 (1.29)	37.86 (2.71)	24.40 (1.01)	1,2
Hispanic	3.13 (0.55)	3.29 (0.34)	3.62 (0.71)	3.81 (0.27)	--
of Asian descent	1.59 (0.37)	1.94 (0.23)	1.93 (0.48)	2.38 (0.18)	--
of other ethnicity	0.23 (0.16)	0.27 (0.10)	0.29 (0.21)	0.29 (0.08)	--
Dental procedure characteristics					
For dental extractions ... what percent are replaced eventually by ...					
Fixed bridge	15.67 (2.94)	30.73 (1.81)	18.19 (3.69)	36.02 (1.43)	1
Removable partial or full denture	39.27 (2.23)	29.88 (1.37)	31.30 (2.80)	28.94 (1.09)	1,2

Dental implant	1.07 (1.02)	3.41 (0.63)	1.03 (1.28)	5.11 (0.50)	1
Not replaced	43.94 (2.76)	35.61 (1.70)	41.95 (3.47)	29.44 (1.35)	1
Other	0.05 (0.06)	0.07 (0.04)	0.19 (0.08)	0.02 (0.03)	--
Number dental extraction patients each month	33.82 (2.78)	26.26 (1.68)	25.16 (3.48)	21.37 (1.30)	1,2
<u>Percent patient contact time dentist spends doing...</u>					
non-implant restorative dentistry	44.15 (2.83)	55.35 (1.74)	47.03 (3.55)	60.98 (1.37)	1
dental implants (surgery or prosthetic time)	0.57 (0.56)	1.35 (0.35)	0.85 (0.71)	1.99 (0.27)	--
removable prosthetics	20.42 (2.04)	12.63 (1.26)	14.13 (2.56)	9.41 (0.99)	1,2
dental extractions	13.71 (0.95)	9.92 (0.59)	10.22 (1.19)	8.03 (0.46)	1,2
periodontal therapy (surgical and non-surgical)	4.21 (0.66)	3.48 (0.41)	4.34 (0.83)	3.44 (0.32)	--
endodontic (surgical and non-surgical)	7.46 (0.96)	7.19 (0.59)	8.37 (1.20)	7.43 (0.46)	--
other (preventive and diagnostic)	9.55 (1.09)	9.75 (0.67)	7.80 (1.37)	8.57 (0.53)	--
<u>Typical fee for a ...</u>					
2-surface amalgam	57.91 (3.18)	65.90 (1.92)	54.52 (3.91)	68.73 (1.54)	1
3-canal molar root canal	319.58 (26.85)	386.79 (16.91)	338.25 (30.90)	442.35 (13.38)	1
Single uncomplicated extraction	58.81 (2.69)	63.64 (1.66)	56.43 (3.38)	66.08 (1.32)	1
Cast partial denture	565.70 (36.12)	684.35 (22.26)	527.76 (45.64)	741.38 (17.52)	1
Full denture	615.48 (42.99)	669.94 (25.67)	539.33 (55.44)	770.21 (20.55)	1,3
Porcelain-to-metal crown	453.36 (20.00)	505.32 (11.96)	432.12 (24.53)	542.60 (9.43)	1
<u>Percent of procedures you refer to other dentists...</u>					
Periodontal surgery	70.02 (5.15)	78.30 (3.17)	63.81 (6.47)	76.50 (2.49)	1
Prosthetic crowns and bridges (other than implants)	6.37 (1.47)	1.95 (0.91)	1.97 (1.85)	1.14 (0.71)	1,2
Implant surgery	94.17 (4.24)	87.39 (2.61)	89.63 (5.33)	85.50 (2.05)	--
Implant restorations	41.87 (5.68)	30.75 (3.50)	33.13 (7.13)	30.48 (2.77)	--
Full dentures	12.69 (4.08)	10.47 (2.52)	18.60 (5.13)	16.14 (1.98)	--
Removable partial dentures	1.34 (0.89)	1.49 (0.55)	1.72 (1.12)	1.59 (0.43)	--
Anterior tooth root canals	14.21 (4.83)	24.71 (2.98)	9.03 (6.07)	30.95 (2.34)	1
Molar tooth root canals	59.61 (5.27)	63.86 (3.25)	46.40 (6.62)	63.03 (2.55)	1
Endodontic surgery	79.74 (3.89)	89.22 (2.41)	79.62 (4.88)	85.75 (1.88)	1
Non-surgical extractions	8.46 (4.39)	18.63 (2.71)	6.67 (5.51)	29.62 (2.13)	1
Surgical extractions	50.35 (5.01)	61.92 (3.09)	48.63 (6.29)	64.92 (2.43)	1
Orthodontics	91.27 (2.66)	96.32 (1.64)	89.59 (3.34)	94.79 (1.29)	1
<u>Percent of patients who receive the following services at some time while in your practice...</u>					
Dental x-rays	95.43 (0.86)	97.92 (0.53)	98.89 (1.09)	98.28 (0.42)	2,3

Diet counseling	16.75 (3.31)	16.89 (2.04)	22.13 (4.16)	21.54 (1.60)	--
Blood pressure screening	28.44 (4.51)	29.60 (2.76)	36.60 (5.66)	29.33 (2.17)	--
Oral cancer screening examination	92.81 (1.81)	95.28 (1.12)	92.80 (2.27)	93.82 (0.88)	--
Oral hygiene instruction	77.38 (2.33)	87.98 (1.43)	83.00 (2.92)	91.30 (1.13)	1,2
In-office fluoride application	37.92 (3.81)	46.66 (2.35)	50.43 (4.78)	46.88 (1.84)	--
Fluoride gel/rinse prescribed/recommended for home	18.52 (3.09)	27.48 (1.89)	21.38 (3.88)	28.12 (1.49)	1
Patient education from written pamphlets	24.07 (3.80)	35.57 (2.34)	33.48 (4.77)	34.90 (1.84)	--
Patient education from videos or slides	7.97 (3.48)	13.06 (2.13)	13.70 (4.37)	9.78 (1.67)	--
Intraoral photographs taken	2.62 (1.70)	5.18 (1.05)	3.84 (2.14)	7.77 (0.82)	1
Intraoral video images taken	4.71 (2.94)	13.23 (1.81)	4.32 (3.69)	10.27 (1.42)	1
Dentist individual characteristics					
Dentist's current age	50.75 (1.17)	50.46 (0.72)	51.47 (1.47)	51.59 (0.57)	--
Last two figures of dentist's graduation year	73.81 (1.22)	74.40 (0.75)	73.02 (1.54)	72.87 (0.59)	--
<u>Amount of agreement with these statements...</u>					
Patients should seek second opinions ...	4.29 (0.10)	4.14 (0.06)	4.13 (0.13)	4.07 (0.05)	--
Patients are better off not knowing all the facts ...	2.05 (0.15)	1.65 (0.09)	1.83 (0.19)	1.76 (0.07)	--
Dentists should present all treatment options to patients.	5.40 (0.14)	5.34 (0.09)	5.02 (0.17)	5.22 (0.07)	2
... the dentist should try to convince the patient to accept it.	3.37 (0.16)	3.31 (0.10)	3.30 (0.21)	3.55 (0.08)	--
... the patient should be dismissed from the practice.	2.43 (0.13)	2.33 (0.08)	2.43 (0.16)	2.27 (0.06)	--

Means and standard errors were calculated using the SAS[®] GLM procedure. Statistical tests of differences in means by race and education were done using an analysis of variance with race and education as main effects, that also included a race*education interaction term in the same regression (SAS[®] GLM procedure, LSMEANS option). Least-squares means are adjusted for unequal sample sizes between subgroups. Education was defined as 0 = high school education or less; 1 = more than high school

1 indicates that the race main effect was statistically significant

2 indicates that the income main effect was statistically significant

3 indicates that the race*income interaction term was statistically significant