

Technical Paper 09-001

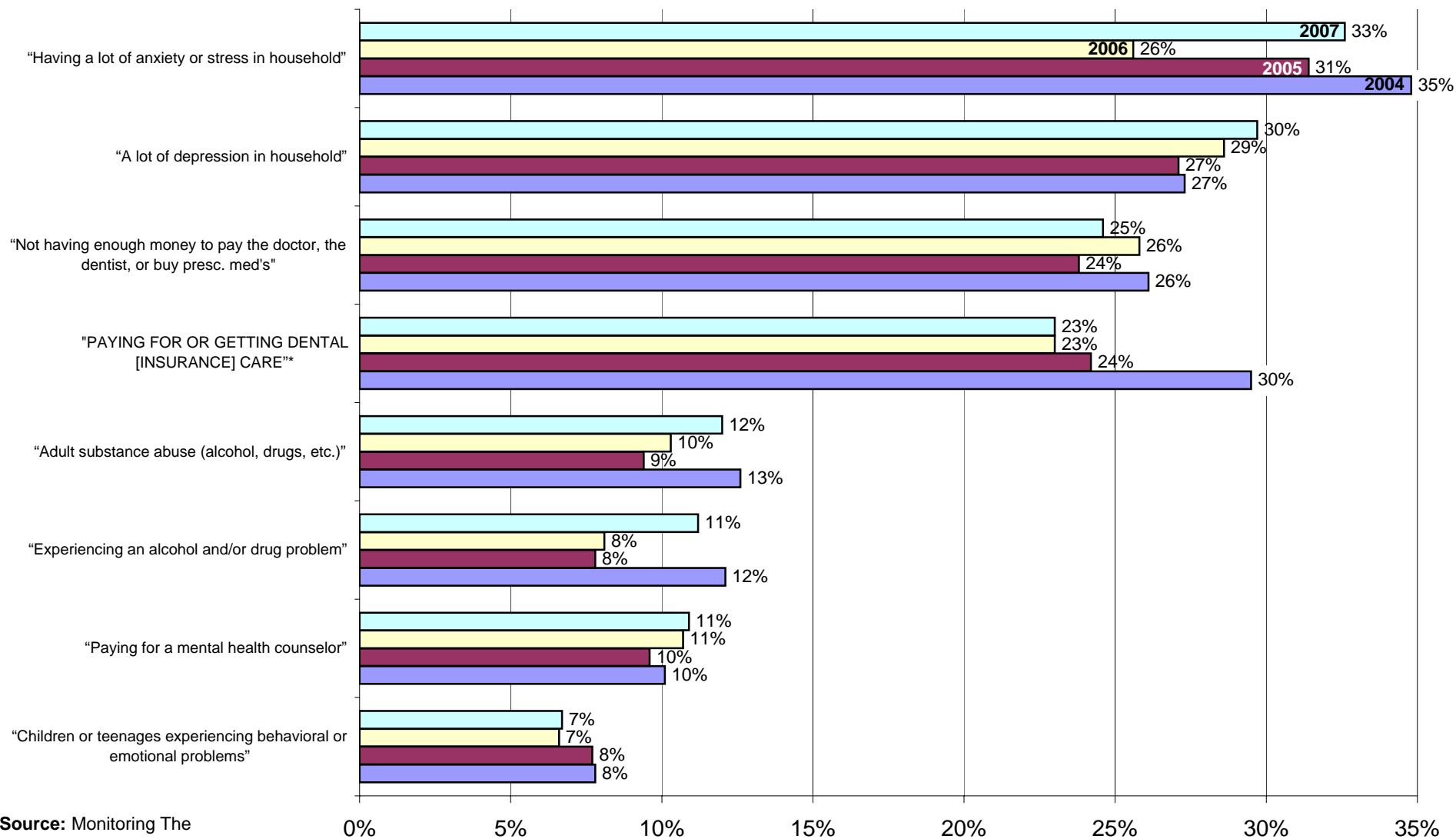
Significant Changes in the Human Condition on Cape Cod: Years 2004-to-2008

**** TRENDS ****
in Prevalence and Seriousness
of Household Problems and Service Access Barriers
ONLY Those Survey Responses
Related To
Topic Areas Nominated To Be Researched in 2009

Table 1. thru Table 4. relate to TRENDS in Prevalence

Table 5. thru Table 8. relate to TRENDS in Seriousness

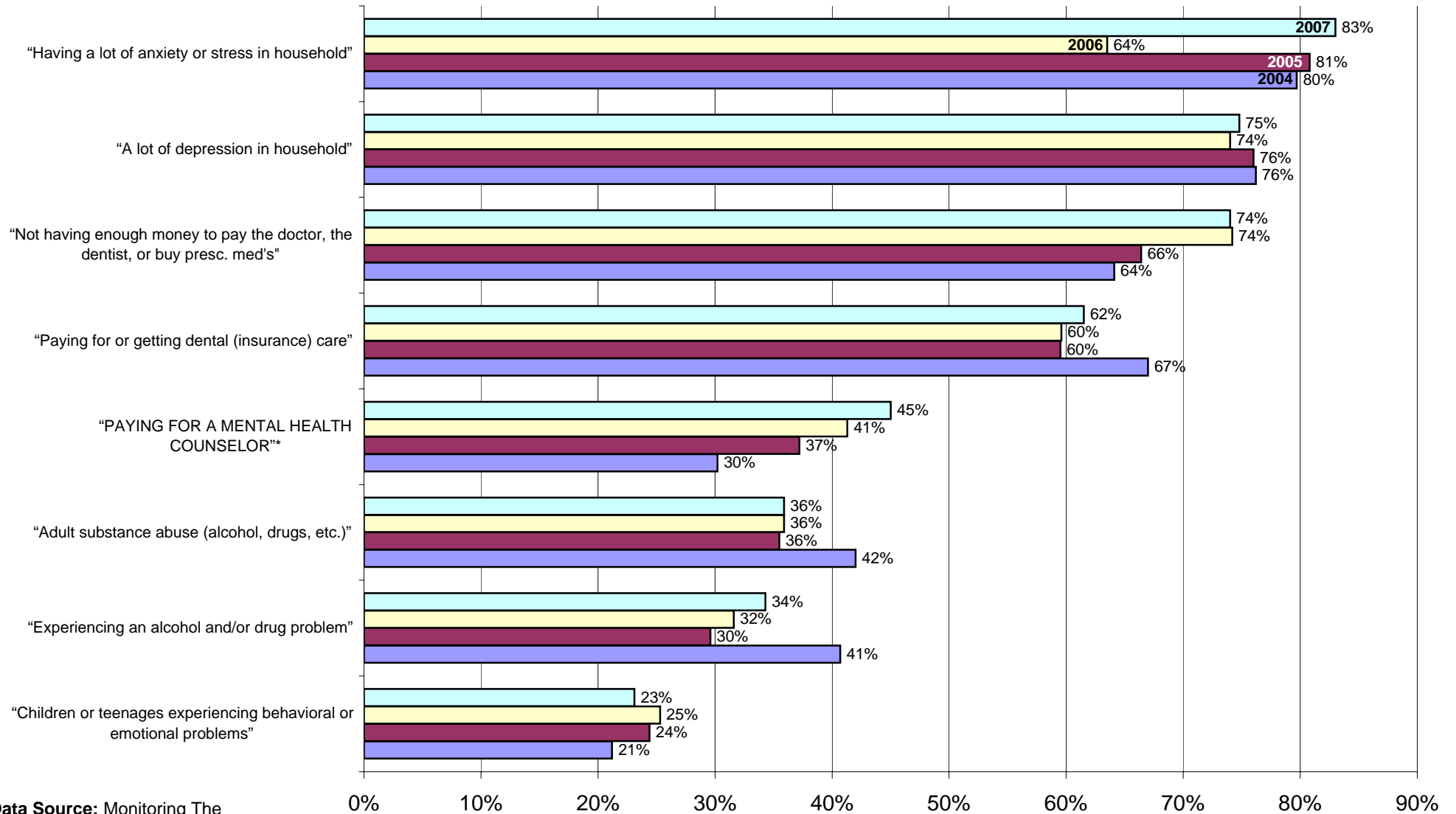
Selected Household Problems: ALL Cape Cod Households Prevalence Over The Four-Year Period: 2004 - 2007



Data Source: Monitoring The Human Condiiton on Cape Cod Study
* Statistically significant change.
August 7, 2009

Percentage of Cape Cod Households Reporting a Minor- to- Major Problem

Selected Household Problems: ONLY Most Needy Households Prevalence Over The Four-Year Period: 2004 - 2007



Data Source: Monitoring The Human Condition on Cape Cod Study

* Statistically Significant change.

August 7, 2009

Percentage of Most Needy Cape Cod Households Reporting a Minor-to- Major Problem

Five-Year TRENDS in Household Problem Prevalence To Be Researched: Barnstable County, MA - 2004-2008

Table 1. ALL Households Sampled

"Affordability-Related" Problem or Barrier	2004	2005	2006	2007	2008
Household Problems:					
<i>"Children or teenagers experiencing behavioral or emotional problems"</i>	7.8%	7.7%	6.6%	6.7%	6.1%
<i>"Paying for a mental health counselor"</i>	10.1%	9.6%	10.7%	10.9%	8.8%
<i>"Experiencing an alcohol and/or drug problem"</i>	12.1%	7.8%	8.1%	11.2%	11.4%
<i>"Adult substance abuse (alcohol, drugs, etc.)"</i>	12.6%	9.4%	10.3%	12.0%	11.6%
"PAYING FOR OR GETTING DENTAL [INSURANCE] CARE"*	29.5%	24.2%	23.0%	23.0%	25.4%
<i>"Not having enough money to pay the doctor, the dentist, or buy presc. med's"</i>	26.1%	23.8%	25.8%	24.6%	24.3%
<i>"A lot of depression in household"</i>	27.3%	27.1%	28.6%	29.7%	26.1%
<i>"Having a lot of anxiety or stress in household"</i>	34.8%	31.4%	25.6%	32.6%	32.9%
Sum of H.H. Prob. Prevalence Percentages	152.5%	133.3%	132.1%	144.0%	140.5%
Additional Affordability Problems:					
<i>"Not able to afford nutritious food"</i>	10.6%	9.2%	12.2%	14.3%	13.8%
<i>"Not being able to afford legal help"</i>	16.5%	13.8%	16.9%	17.8%	16.5%
"NOT ALWAYS HAVING ENOUGH MONEY FOR FOOD"*	16.9%	14.9%	16.2%	21.8%	19.2%
"NOT HAVING ENOUGH MONEY TO PAY FOR HOUSING"*	18.6%	15.9%	20.1%	22.7%	19.2%
<i>"Not being able to afford recreational activities"</i>	25.6%	22.5%	23.9%	26.2%	27.0%

Table 1. Analysis: ALL Households

Over the four-year period 2004-2007 there was one Household Problem that showed a statistically significant change in prevalence. That problem was *"Paying for or getting dental [insurance] care"* decreased among ALL households.

Table 2. ONLY Most Needy Households

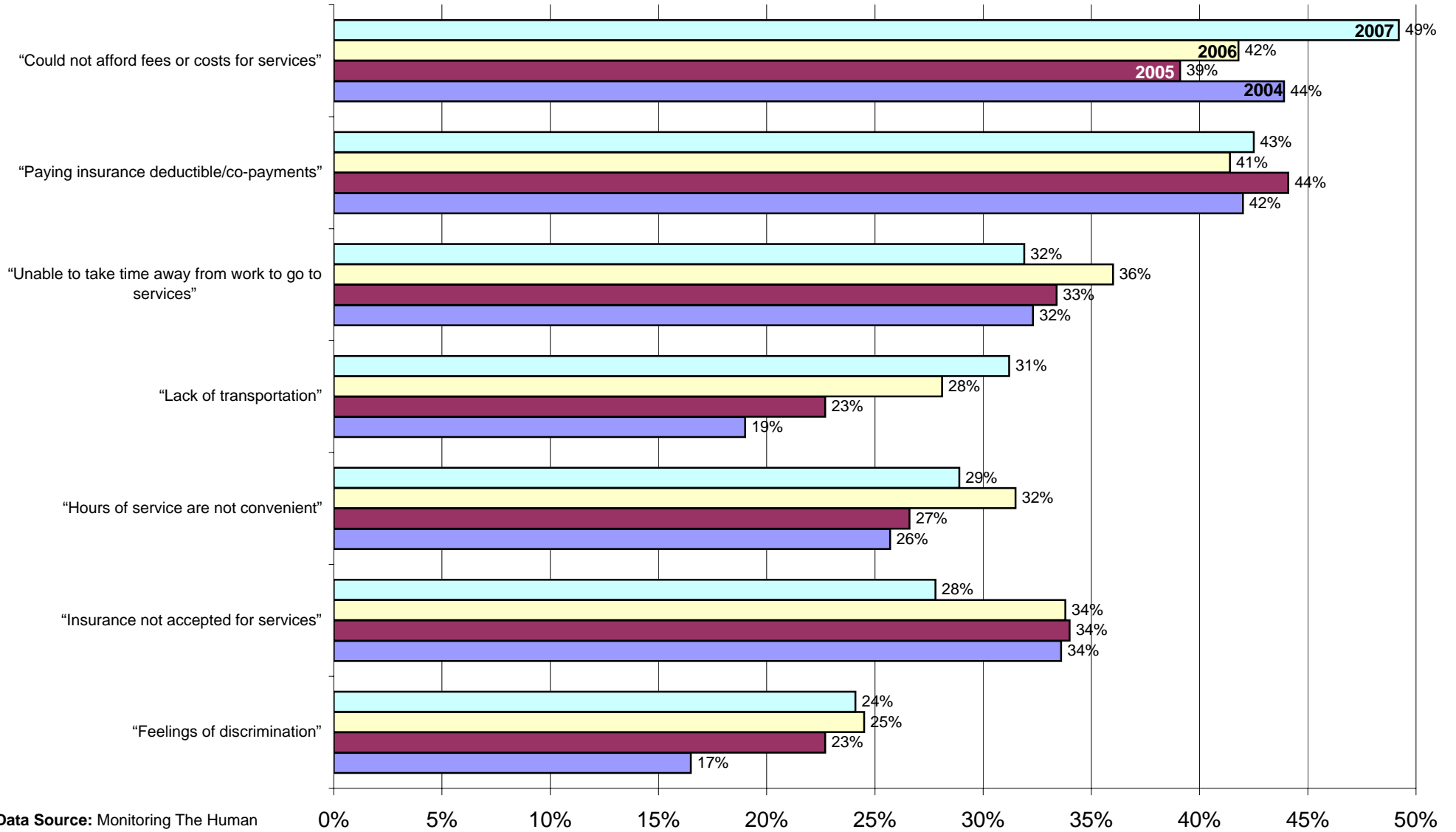
"Affordability-Related" Problem or Barrier	2004	2005	2006	2007	2008
Household Problems:					
<i>"Children or teenages experiencing behavioral or emotional problems"</i>	21.2%	24.4%	25.3%	23.1%	19.1%
<i>"Experiencing an alcohol and/or drug problem"</i>	40.7%	29.6%	31.6%	34.3%	37.3%
<i>"Adult substance abuse (alcohol, drugs, etc.)"</i>	42.0%	35.5%	35.9%	35.9%	39.1%
"PAYING FOR A MENTAL HEALTH COUNSELOR" **	30.2%	37.2%	41.3%	45.0%	31.0%
<i>"Paying for or getting dental (insurance) care"</i>	67.0%	59.5%	59.6%	61.5%	59.5%
<i>"Not having enough money to pay the doctor, the dentist, or buy presc. med's"</i>	64.1%	66.4%	74.2%	74.0%	63.6%
<i>"A lot of depression in household"</i>	76.2%	76.0%	74.0%	74.8%	79.7%
<i>"Having a lot of anxiety or stress in household"</i>	79.7%	80.8%	63.5%	83.0%	82.4%
Sum of H.H. Prob. Prevalence Percentages	399.9%	385.0%	380.1%	408.5%	392.6%
Most Needy % divided by ALL %	2.62	2.89	2.88	2.84	2.79
Additional Affordability Problems:					
"NOT ABLE TO AFFORD NUTRITIOUS FOOD" **	35.3%	38.2%	47.0%	55.9%	43.2%
"NOT BEING ABLE TO AFFORD LEGAL HELP" **	51.2%	52.5%	60.3%	65.1%	47.2%
"NOT ALWAYS HAVING ENOUGH MONEY FOR FOOD" **	53.7%	54.1%	58.4%	75.9%	56.5%
"NOT HAVING ENOUGH MONEY TO PAY FOR HOUSING" **	53.2%	55.6%	68.6%	80.8%	53.5%
"NOT BEING ABLE TO AFFORD RECREATIONAL ACTIVITIES" **	66.7%	71.9%	75.4%	86.1%	66.3%

* [Shown in All Capital Letters] Statistically significant change between years 2004 and 2007 (year 2008 data not included).

Table 2. Analysis: ONLY Most Needy Households

Over the four-year period 2004-2007 there was one Household Problem that showed a statistically significant change in prevalence. that problem was *"Paying for a mental health counselor"* increased among our Most Needy households.

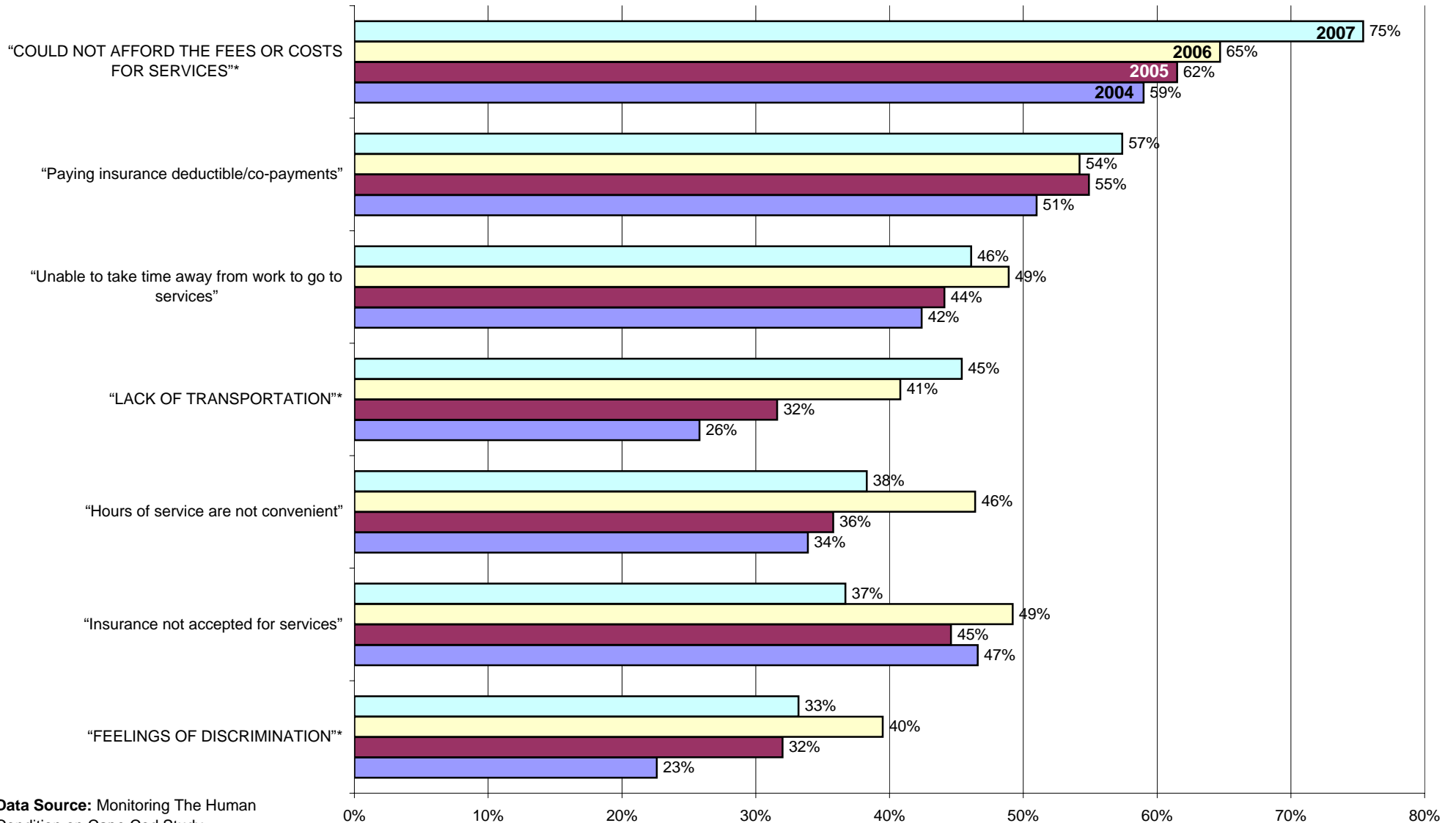
Selected Service Access Barriers: ALL Cape Cod Households Prevalence Over The Four-Year Period: 2004 - 2007



Data Source: Monitoring The Human Condition on Cape Cod Study
August 7, 2009

Percentage of Cape Cod Households Reporting Barrier as Serious

Selected Service Access Barriers: ONLY Most Needy Households Prevalence Over The Four-Year Period: 2004 - 2007



Data Source: Monitoring The Human Condition on Cape Cod Study
* Statistically significant change.
August 7, 2009

Percentage of Most Needy Cape Cod Households Reporting Barrier as Serious

Five-Year TRENDS in Service Barrier Prevalence To Be Researched: Barnstable County, MA - 2004-2008

Table 3. ALL Households Sampled

"Affordability-Related" Problem or Barrier	2004	2005	2006	2007	2008
Service Barriers:					
<i>"Feelings of discrimination"</i>	16.5%	22.7%	24.5%	24.1%	18.7%
<i>"Insurance not accepted for services"</i>	33.6%	34.0%	33.8%	27.8%	38.6%
<i>"Hours of service are not convenient"</i>	25.7%	26.6%	31.5%	28.9%	28.2%
<i>"Lack of transportation"</i>	19.0%	22.7%	28.1%	31.2%	22.0%
<i>"Unable to take time away from work to go to services"</i>	32.3%	33.4%	36.0%	31.9%	33.0%
<i>"Paying insurance deductible/co-payments"</i>	42.0%	44.1%	41.4%	42.5%	45.0%
<i>"Could not afford fees or costs for services"</i>	43.9%	39.1%	41.8%	49.2%	45.1%
Sum of SB Prevalence Percentages	213.0%	222.6%	237.1%	235.6%	230.6%

Table 3. Analysis: ALL Households
None.

Table 4. ONLY Most Needy Households

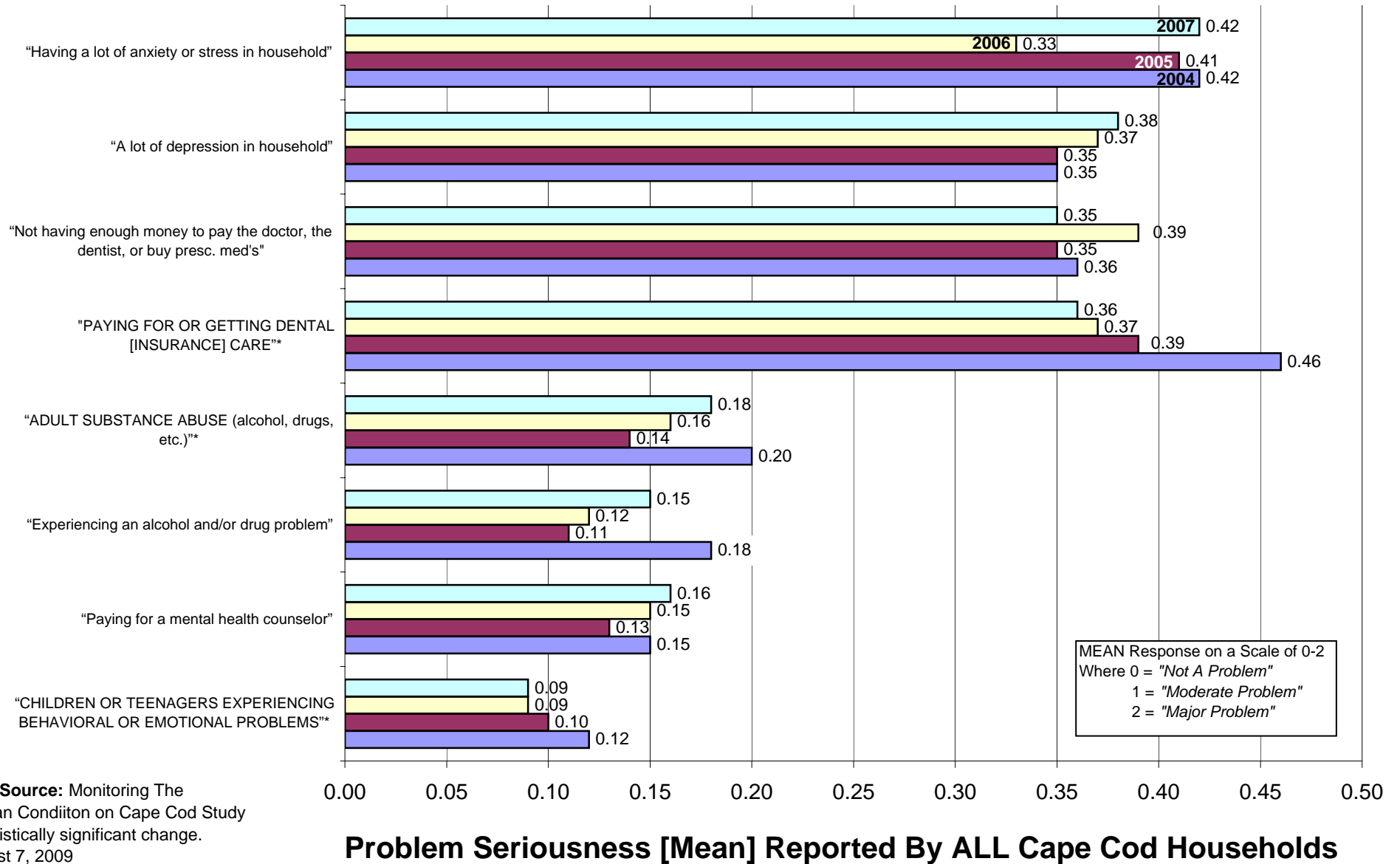
"Affordability-Related" Problem or Barrier	2004	2005	2006	2007	2008
Service Barriers:					
<i>"FEELINGS OF DISCRIMINATION"</i> **	22.6%	32.0%	39.5%	33.2%	25.8%
<i>"Insurance not accepted for services"</i>	46.6%	44.6%	49.2%	36.7%	45.2%
<i>"Hours of service are not convenient"</i>	33.9%	35.8%	46.4%	38.3%	37.3%
<i>"LACK OF TRANSPORTATION"</i> **	25.8%	31.6%	40.8%	45.4%	33.0%
<i>"Unable to take time away from work to go to services"</i>	42.4%	44.1%	48.9%	46.1%	44.3%
<i>"Paying insurance deductible/co-payments"</i>	51.0%	54.9%	54.2%	57.4%	58.1%
<i>"COULD NOT AFFORD THE FEES OR COSTS FOR SERVICES"</i> **	59.0%	61.5%	64.7%	75.4%	59.9%
Sum of SB Prevalence Percentages	281.3%	304.5%	343.7%	332.5%	303.6%
Most Needy % divided by ALL %	1.32	1.37	1.45	1.41	1.32

* [Shown in All Capital Letters] Statistically significant change between years 2004 and 2007 (year 2008 data not included).

Table 4. Analysis: ONLY Most Needy Households

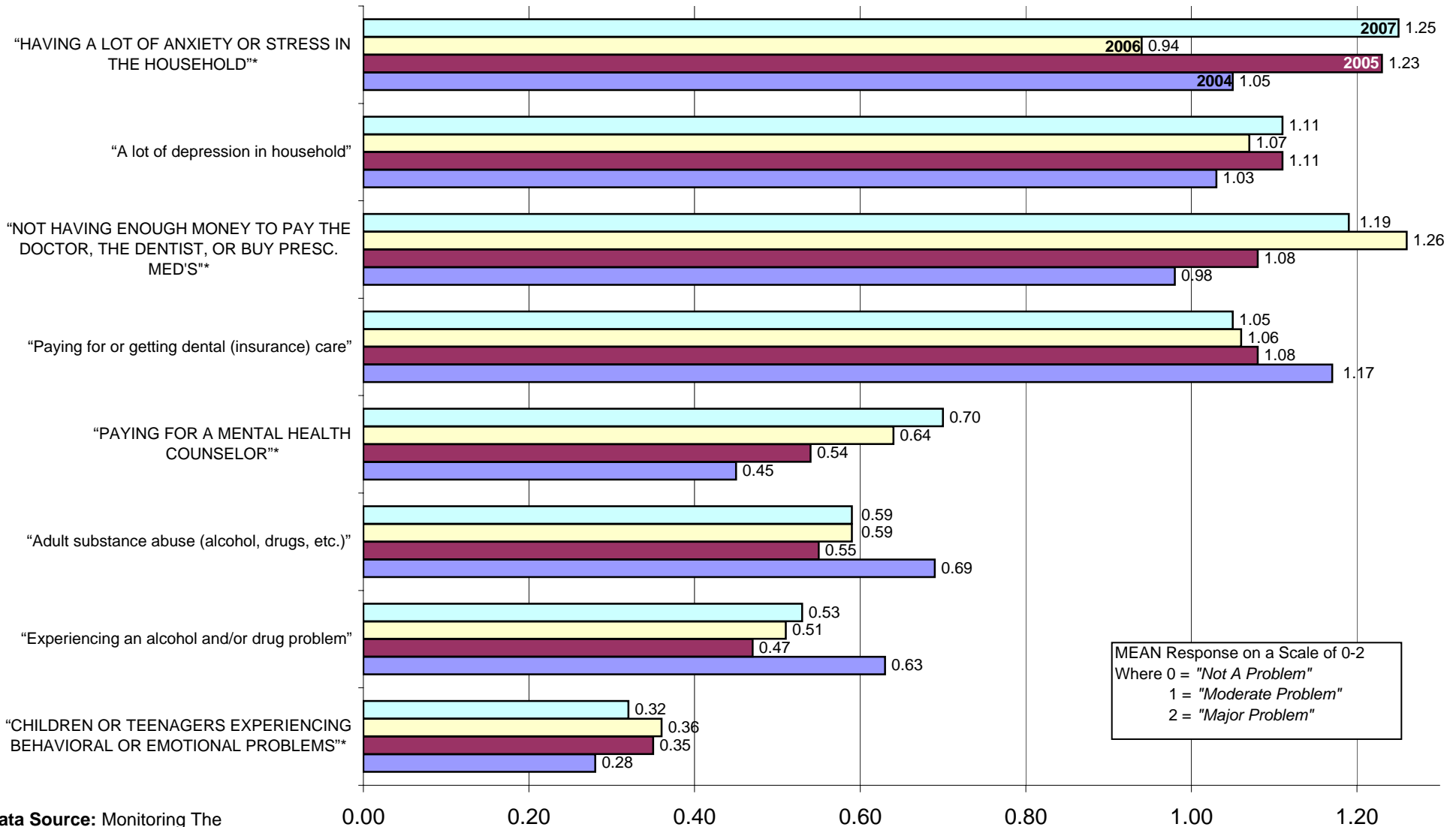
Over the four-year period 2004-2007 there were three Service Access Barriers that showed a statistically significant change in prevalence. Those barriers were: 1) *"Feelings of Discrimination"* increased among our Most Needy households, 2) *"Lack of transportation"* increased among our Most Needy households, and 3) *"Could not afford fees or costs for services"* increased among our Most Needy households,.

Selected Household Problems: ALL Cape Cod Households Seriousness Levels Over The Four-Year Period: 2004 - 2007



Data Source: Monitoring The Human Condiiton on Cape Cod Study
* Statistically significant change.
August 7, 2009

Selected Household Problems: ONLY Most Needy Households Seriousness Levels Over The Four-Year Period: 2004 - 2007



MEAN Response on a Scale of 0-2
Where 0 = "Not A Problem"
1 = "Moderate Problem"
2 = "Major Problem"

Data Source: Monitoring The Human Condition on Cape Cod Study
* Statistically Significant change.
August 7, 2009

Problem Seriousness [Mean] Reported By Most Needy Cape Cod Households

Five-Year TRENDS in Household Problem Seriousness To Be Researched: Barnstable County, MA - 2004-2008

Table 5. ALL Households Sampled

"Affordability-Related" Problem or Barrier	2004	2005	2006	2007	2008
Household Problems:					
"CHILDREN OR TEENAGERS EXPERIENCING BEHAVIORAL OR EMOTIONAL PROBLEMS" **	0.12	0.10	0.09	0.09	0.07
<i>"Paying for a mental health counselor"</i>	0.15	0.13	0.15	0.16	0.12
<i>"Experiencing an alcohol and/or drug problem"</i>	0.18	0.11	0.12	0.15	0.15
"ADULT SUBSTANCE ABUSE (alcohol, drugs, etc.)" **	0.20	0.14	0.16	0.18	0.15
"PAYING FOR OR GETTING DENTAL [INSURANCE] CARE" **	0.46	0.39	0.37	0.36	0.36
<i>"Not having enough money to pay the doctor, the dentist, or buy presc. med's"</i>	0.36	0.35	0.39	0.35	0.32
<i>"A lot of depression in household"</i>	0.35	0.35	0.37	0.38	0.33
<i>"Having a lot of anxiety or stress in household"</i>	0.42	0.41	0.33	0.42	0.41
Sum of H.H. Prob. Prevalence Percentages	2.12	1.88	1.89	2.00	1.84
Additional Affordability Problems:					
"NOT ABLE TO AFFORD NUTRITIOUS FOOD" **	0.13	0.11	0.16	0.19	0.17
<i>"Not being able to afford legal help"</i>	0.23	0.19	0.25	0.26	0.23
<i>"Not always having enough money for food"</i>	0.22	0.19	0.23	0.30	0.24
"NOT HAVING ENOUGH MONEY TO PAY FOR HOUSING" **	0.25	0.23	0.30	0.33	0.27
<i>"Not being able to afford recreational activities"</i>	0.33	0.28	0.34	0.36	0.36

* [Shown in All Capital Letters] Statistically significant change between years 2004 and 2007 (year 2008 data not included).

Table 5. Analysis: ALL Households

Over the four-year period 2004-2007 there were three Household Problems that showed a statistically significant change in seriousness. These problems were: 1) *"Children or teenagers experiencing behavioral or emotional problems"* decreased among all households, 2) *"Adult substance abuse (alcohol, drugs, etc.)"* decreased among all households, and 3) *"Paying for or getting dental [insurance] care"* decreased among ALL households.

Table 6. ONLY Most Needy Households

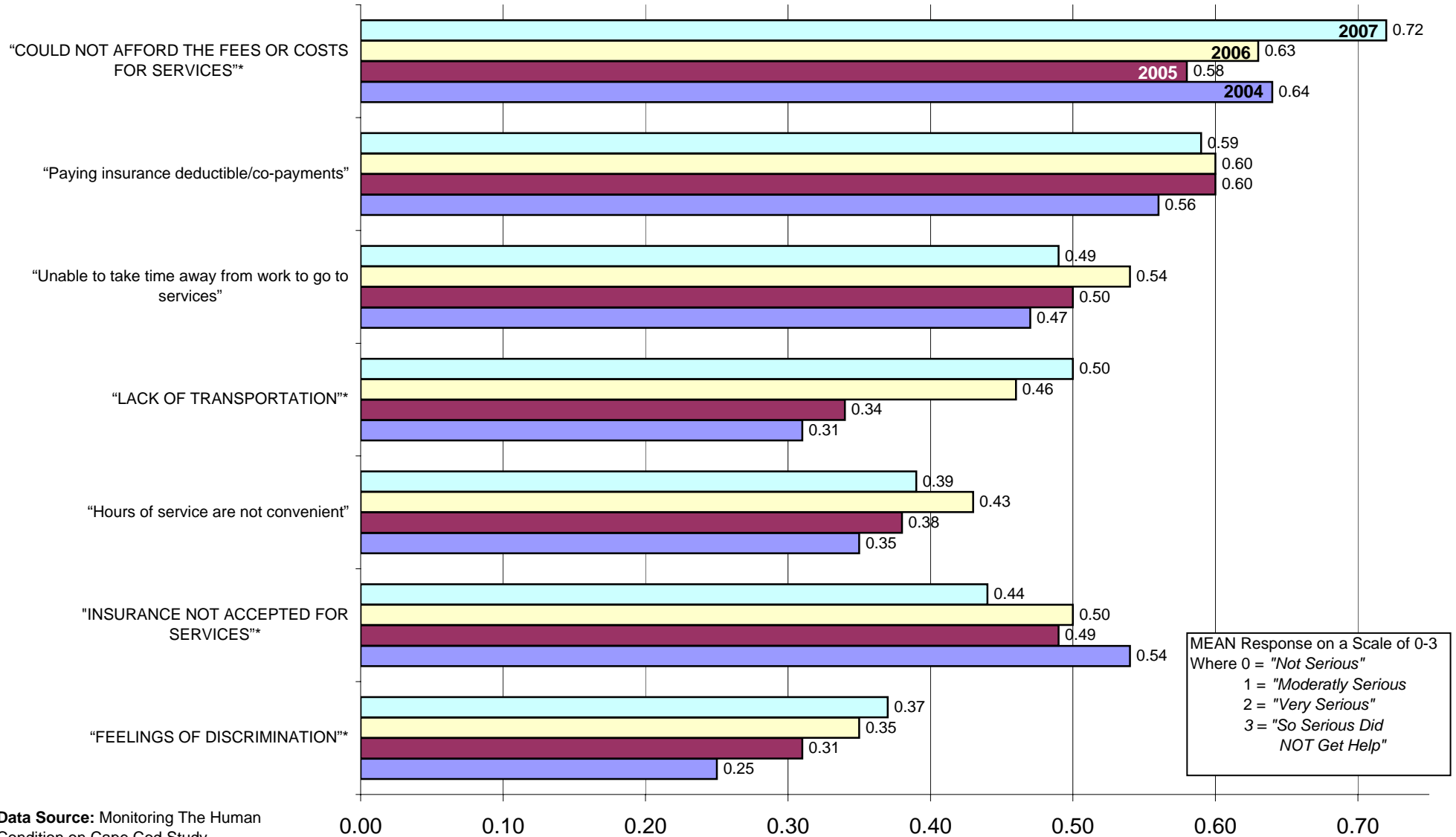
"Affordability-Related" Problem or Barrier	2004	2005	2006	2007	2008
Household Problems:					
<i>"CHILDREN OR TEENAGERS EXPERIENCING BEHAVIORAL OR EMOTIONAL PROBLEMS"</i> **	0.28	0.35	0.36	0.32	0.24
<i>"Experiencing an alcohol and/or drug problem"</i>	0.63	0.47	0.51	0.53	0.49
<i>"Adult substance abuse (alcohol, drugs, etc.)"</i>	0.69	0.55	0.59	0.59	0.54
<i>"PAYING FOR A MENTAL HEALTH COUNSELOR"</i>**	0.45	0.54	0.64	0.70	0.43
<i>"Paying for or getting dental (insurance) care"</i>	1.17	1.08	1.06	1.05	0.90
<i>"NOT HAVING ENOUGH MONEY TO PAY THE DOCTOR, THE DENTIST, OR BUY PRESC. MED'S"</i> **	0.98	1.08	1.26	1.19	0.87
<i>"A lot of depression in household"</i>	1.03	1.11	1.07	1.11	1.07
<i>"HAVING A LOT OF ANXIETY OR STRESS IN THE HOUSEHOLD"</i>**	1.05	1.23	0.94	1.25	1.14
Sum of H.H. Prob. Prevalence Percentages	6.00	6.06	6.07	6.42	5.44
Most Needy % divided by ALL %	2.83	3.22	3.21	3.21	2.96
Additional Affordability Problems:					
<i>"NOT ABLE TO AFFORD NUTRITIOUS FOOD"</i>**	0.44	0.47	0.63	0.76	0.55
<i>"NOT BEING ABLE TO AFFORD LEGAL HELP"</i>**	0.75	0.74	0.97	1.03	0.69
<i>"NOT ALWAYS HAVING ENOUGH MONEY FOR FOOD"</i>**	0.74	0.74	0.86	1.11	0.75
<i>"NOT HAVING ENOUGH MONEY TO PAY FOR HOUSING"</i>**	0.76	0.86	1.06	1.26	0.77
<i>"NOT BEING ABLE TO AFFORD RECREATIONAL ACTIVITIES"</i>**	0.96	0.98	1.20	1.34	0.96

* [Shown in All Capital Letters] Statistically significant change between years 2004 and 2007 (year 2008 data not included).

Table 6. Analysis: ONLY Most Needy Households

Over the four-year period 2004-2007 there were two Household Problems that showed a statistically significant change in seriousness. These problems were: 1) *"Paying for a mental health counselor"* increased among our Most Needy households, and, 2) *"Having a lot of anxiety or stress in the household"* increased among our Most Needy households.

Selected Service Access Barriers: ALL Cape Cod Households Seriousness Levels Over The Four-Year Period: 2004 - 2007

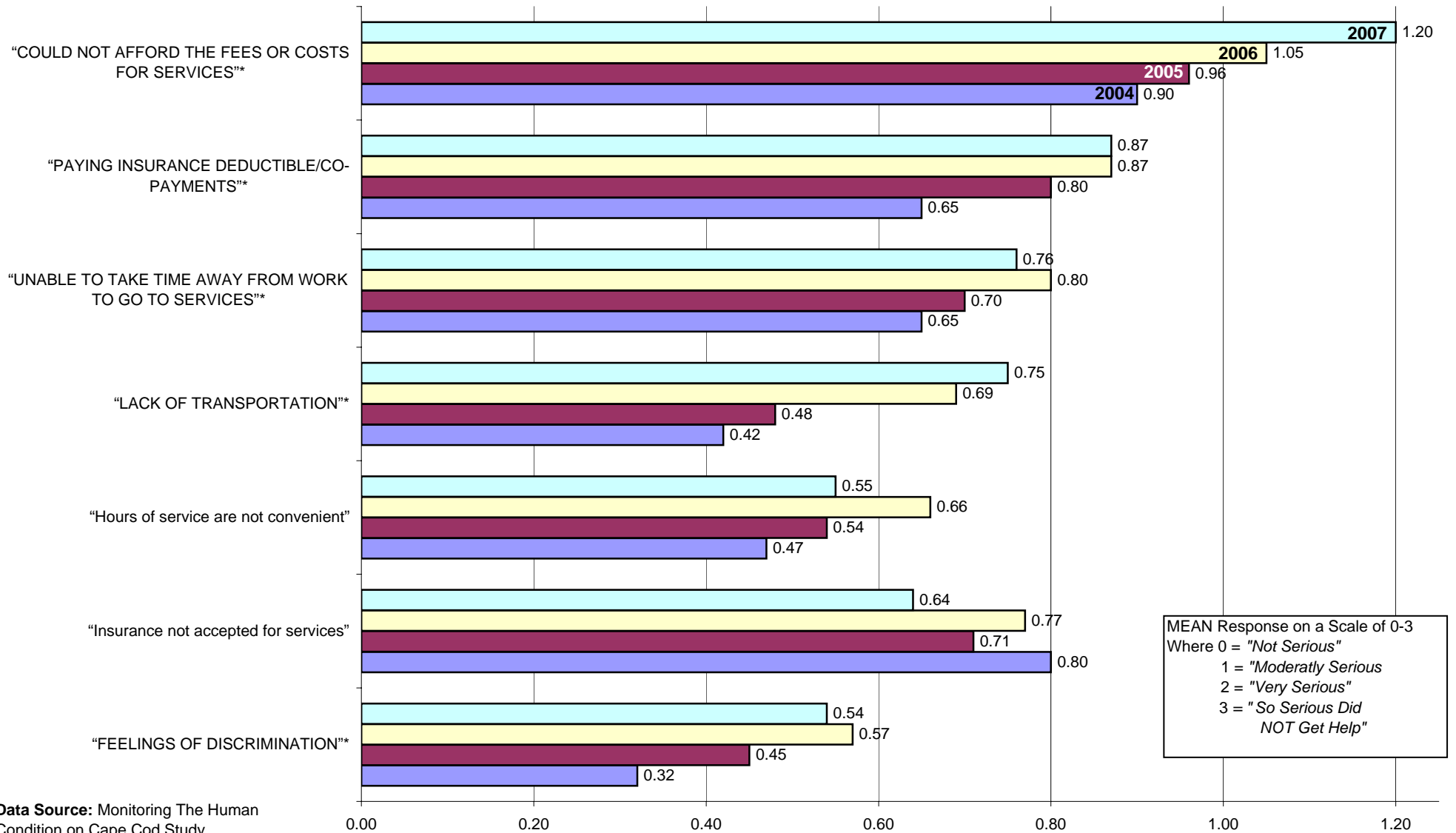


MEAN Response on a Scale of 0-3
Where 0 = "Not Serious"
1 = "Moderatly Serious"
2 = "Very Serious"
3 = "So Serious Did NOT Get Help"

Data Source: Monitoring The Human Condition on Cape Cod Study
* Statistically significant change August 7, 2009

Service Barrier Seriousness [Mean] Reported By ALL Cape Cod Households

Selected Service Access Barriers: ONLY Most Needy Households Seriousness Levels Over The Four-Year Period: 2004 - 2007



MEAN Response on a Scale of 0-3
Where 0 = "Not Serious"
1 = "Moderatly Serious"
2 = "Very Serious"
3 = "So Serious Did NOT Get Help"

Data Source: Monitoring The Human Condition on Cape Cod Study

* Statistically significant change.
August 7, 2009

Service Barrier Seriousness [Mean] Reported By Most Needy Cape Cod Households

Five-Year TRENDS in Service Barrier Seriousness To Be Researched: Barnstable County, MA - 2004-2008

Table 7. ALL Households Sampled

"Affordability-Related" Problem or Barrier	2004	2005	2006	2007	2008
Service Barriers:					
"FEELINGS OF DISCRIMINATION"*	0.25	0.31	0.35	0.37	0.27
"INSURANCE NOT ACCEPTED FOR SERVICES"*	0.54	0.49	0.50	0.44	0.52
<i>"Hours of service are not convenient"</i>	0.35	0.38	0.43	0.39	0.36
"LACK OF TRANSPORTATION"*	0.31	0.34	0.46	0.50	0.33
<i>"Unable to take time away from work to go to services"</i>	0.47	0.50	0.54	0.49	0.46
<i>"Paying insurance deductible/co-payments"</i>	0.56	0.60	0.60	0.59	0.61
"COULD NOT AFFORD THE FEES OR COSTS FOR SERVICES"*	0.64	0.58	0.63	0.72	0.66
Sum of SB Prevalence Percentages	3.12	3.20	3.51	3.50	3.21

Table 7. Analysis: ALL Households

Over the four-year period 2004-2007 there were four Service Access Barriers that showed a statistically significant change in seriousness. Those barriers were: 1) *"Feelings of Discrimination"* increased among all households, 2) *"Insurance not accepted for services"* decreased among all households, 3) *"Lack of transportation"* increased among all households, and 4) *"Could not afford fees or costs for services"* increased among all households.

Table 8. ONLY Most Needy Households

"Affordability-Related" Problem or Barrier	2004	2005	2006	2007	2008
Service Barriers:					
<i>"FEELINGS OF DISCRIMINATION"</i>**	0.32	0.45	0.57	0.54	0.36
<i>"Insurance not accepted for services"</i>	0.80	0.71	0.77	0.64	0.62
<i>"Hours of service are not convenient"</i>	0.47	0.54	0.66	0.55	0.50
<i>"LACK OF TRANSPORTATION"</i>**	0.42	0.48	0.69	0.75	0.51
<i>"UNABLE TO TAKE TIME AWAY FROM WORK TO GO TO SERVICES"</i>**	0.65	0.70	0.80	0.76	0.66
<i>"PAYING INSURANCE DEDUCTIBLE/CO-PAYMENTS"</i>**	0.65	0.80	0.87	0.87	0.82
<i>"COULD NOT AFFORD THE FEES OR COSTS FOR SERVICES"</i>**	0.90	0.96	1.05	1.20	0.93
Sum of SB Prevalence Percentages	4.21	4.64	5.41	5.31	4.40
Most Needy % divided by ALL %	1.35	1.45	1.54	1.52	1.37

* [Shown in All Capital Letters] Statistically significant change between years 2004 and 2007 (year 2008 data not included).

Table 8. Analysis: ONLY Most Needy Households

Over the four-year period 2004-2007 there were five Service Access Barriers that showed a statistically significant change in seriousness. Those barriers were: 1) *"Feelings of Discrimination"* increased among our Most Needy households, 2) *"Lack of transportation"* increased among our Most Needy households, 3) *"Unable to take time away from work to go to services"* increased among our Most Needy households, 4) *"Paying insurance deductible/co-payments"* increased among our Most Needy households, and 5) *"Could not afford the fees or costs for services"* increased among our Most Needy households.