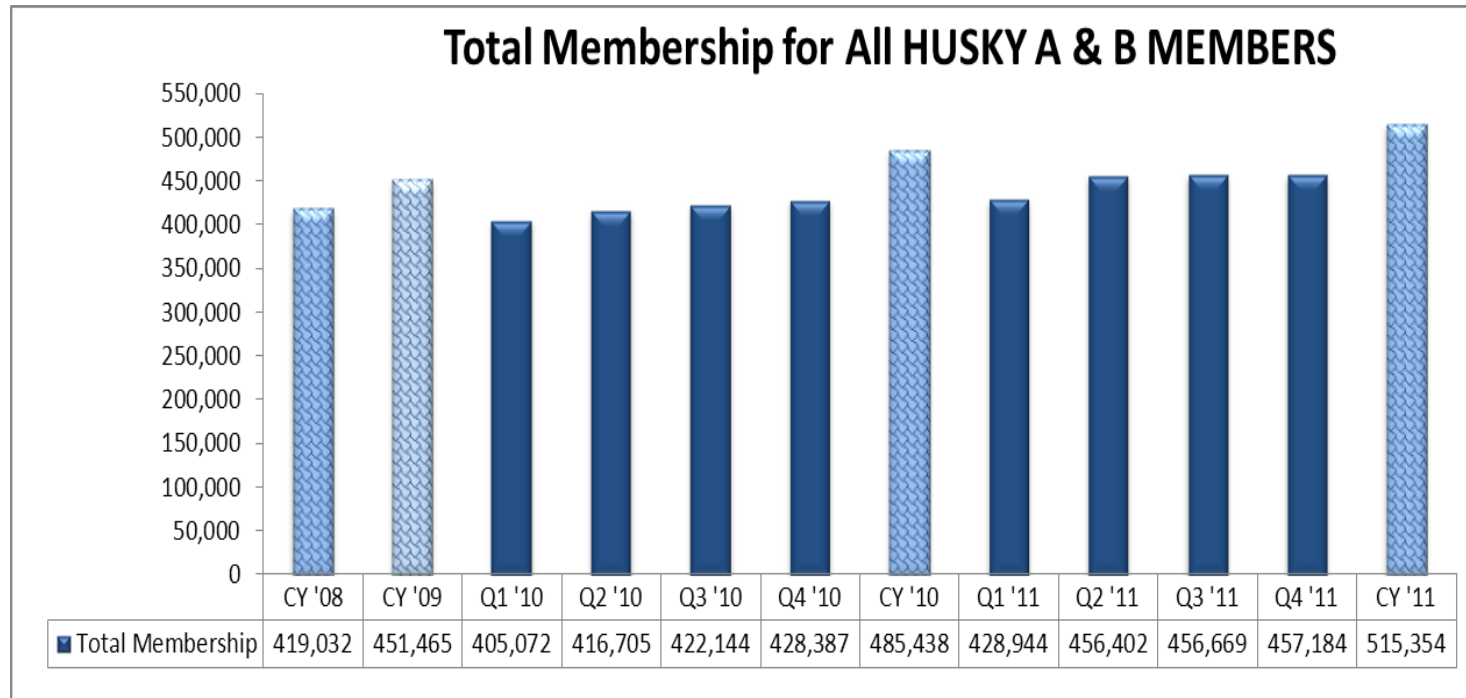


Preliminary Behavioral Health Pharmacy Utilization Report

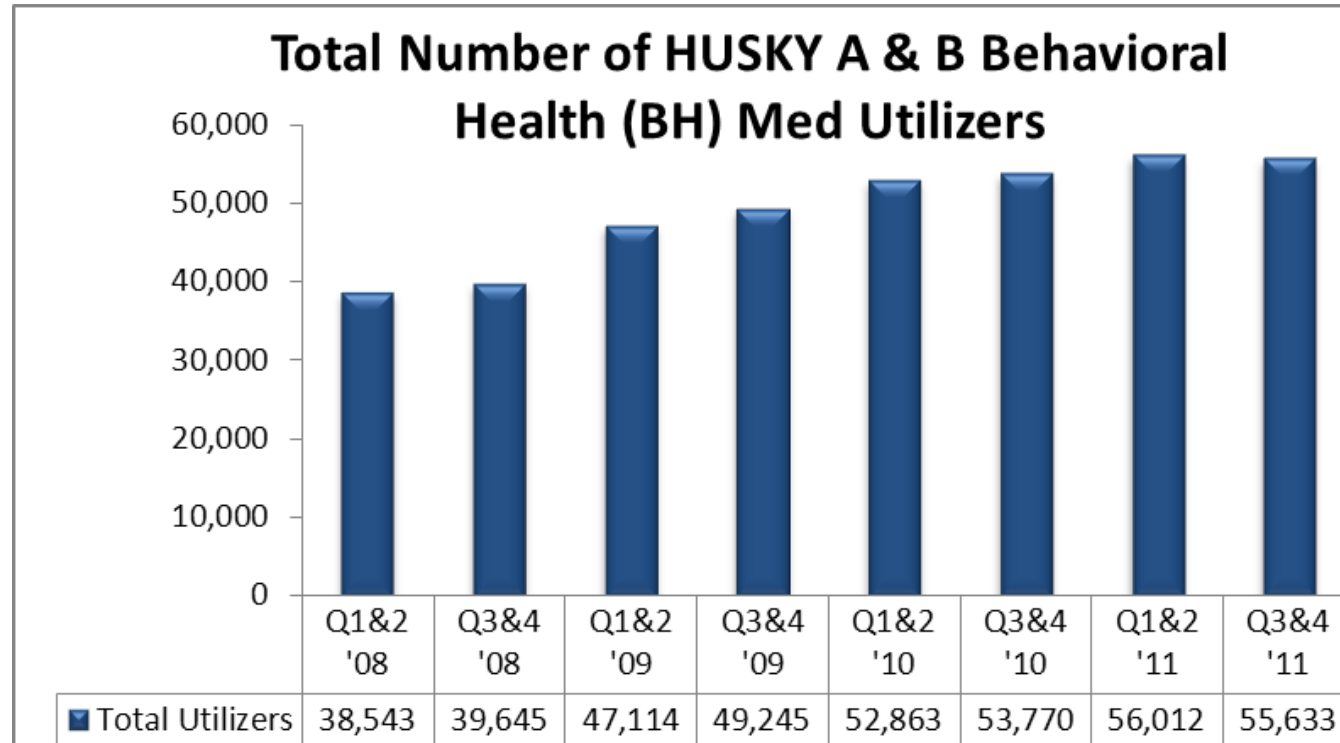
September 19, 2012

HUSKY A and B Membership

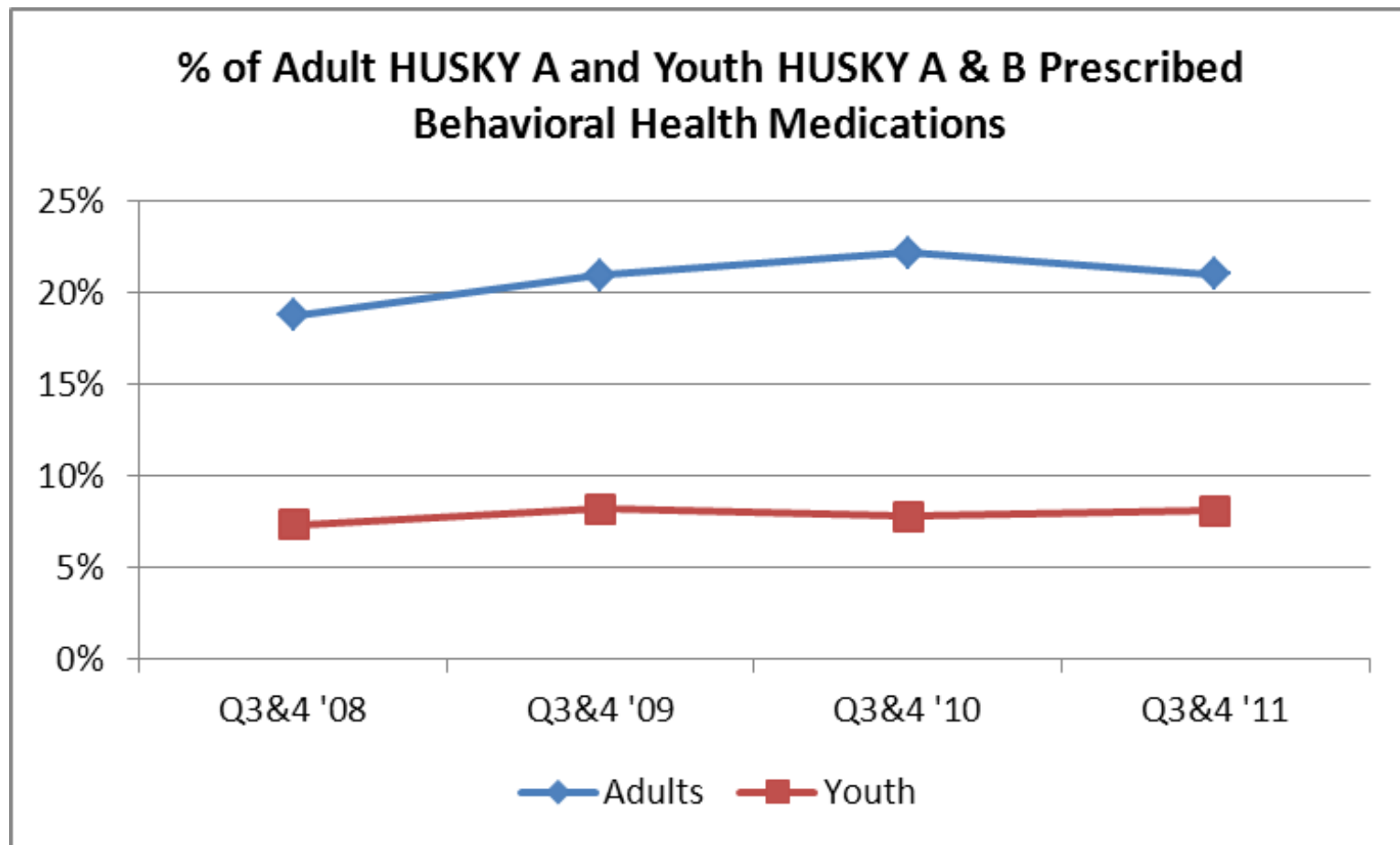


- The number of HUSKY A and B members has consistently increased over the past four years

Number of Members Utilizing Behavioral Health Medications

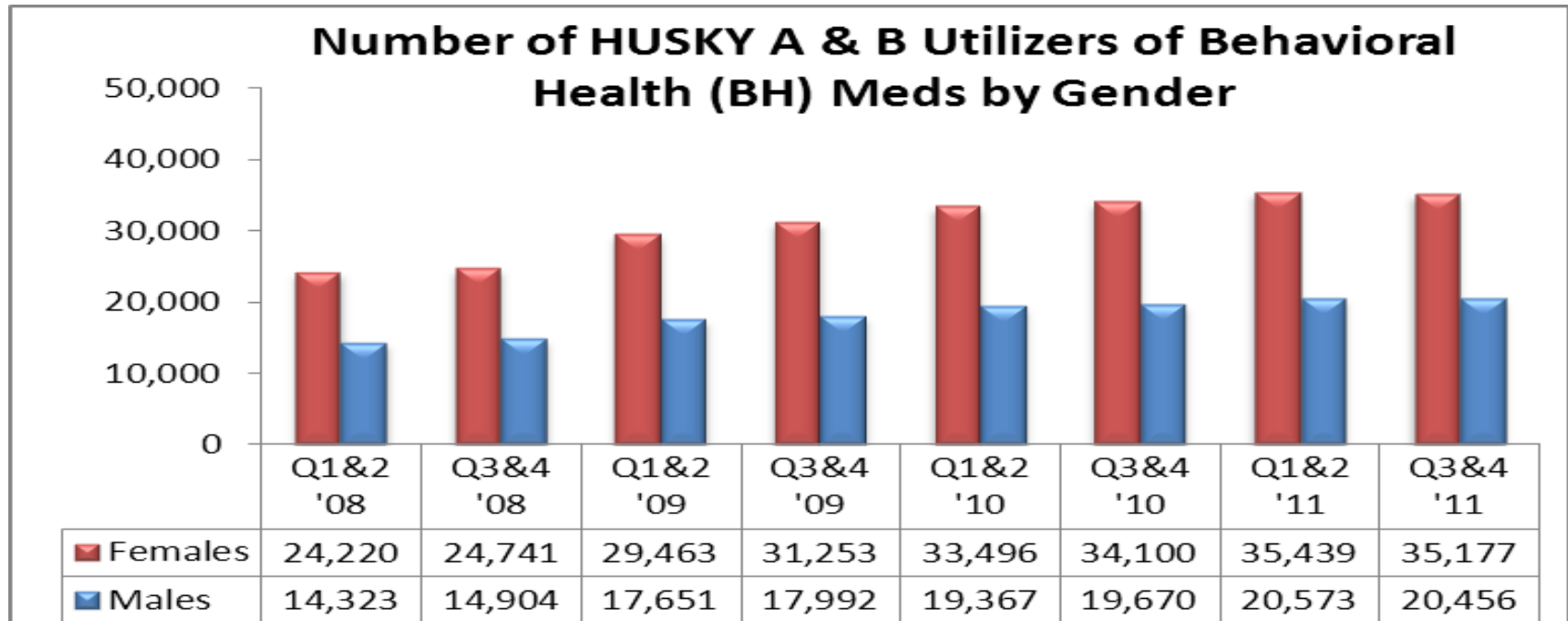


- Until Q3 -4 '11, the number of behavioral health medication utilizers grew at a faster rate than the growth in membership
- For the first time since reporting began in Q1 2008, there was a slight decrease in the number of HUSKY A and B members utilizing behavioral health medications in the second half of 2011



- Percent of Adult members utilizing behavioral health medications continues to far exceed the percent of HUSKY Youth utilizing behavioral health medications.
- For the first time since 2008, the percent of adults utilizing medications has decreased

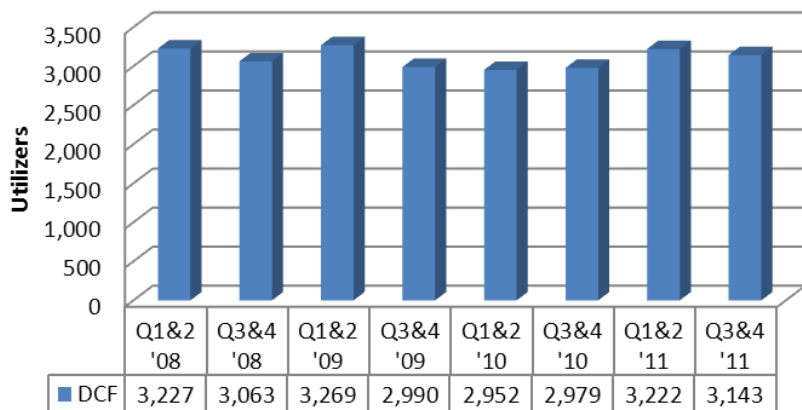
Gender Differences in Behavioral Health Medication Utilization



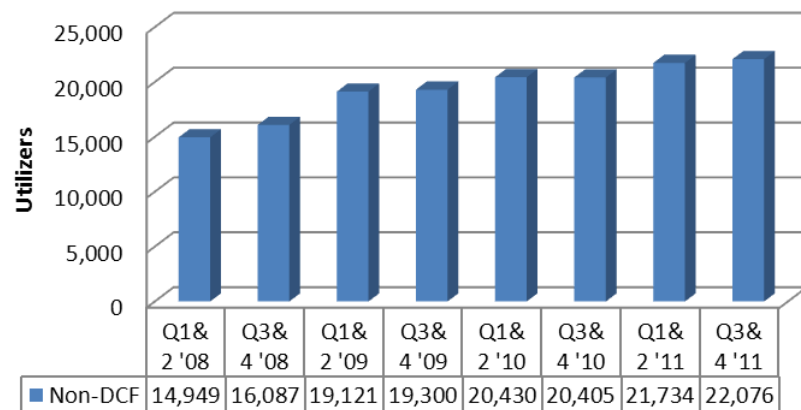
- In the HUSKY A adult population, 5 times as many females as males utilize BH medications
- Among HUSKY A and B youth, there were 70% more male utilizers than female in Q3-4 2011
- Over the entire HUSKY A and B age-span, females utilize more behavioral health medications than do males though this may be a reflection of membership characteristics
- Enrollment data will need to be obtained to contextualize this data

DCF Utilizers compared to Non-DCF Utilizers

Volume of HUSKY A & B Youth DCF Utilizers of Behavioral Health Medications



Volume of HUSKY A & B Youth Non-DCF Utilizers of Behavioral Health Medications



- While the volume of DCF involved HUSKY A and B youth utilizing BH medications has remained stable, the volume of non-DCF involved youth has increased steadily over the past 4 years
- Membership/Enrollment data to be included for comparison purposes

Utilization of Behavioral Health Medications by Age, Therapeutic Class and DCF/Non-DCF status

Adult (19+) Utilization by Therapeutic Class

Adults:

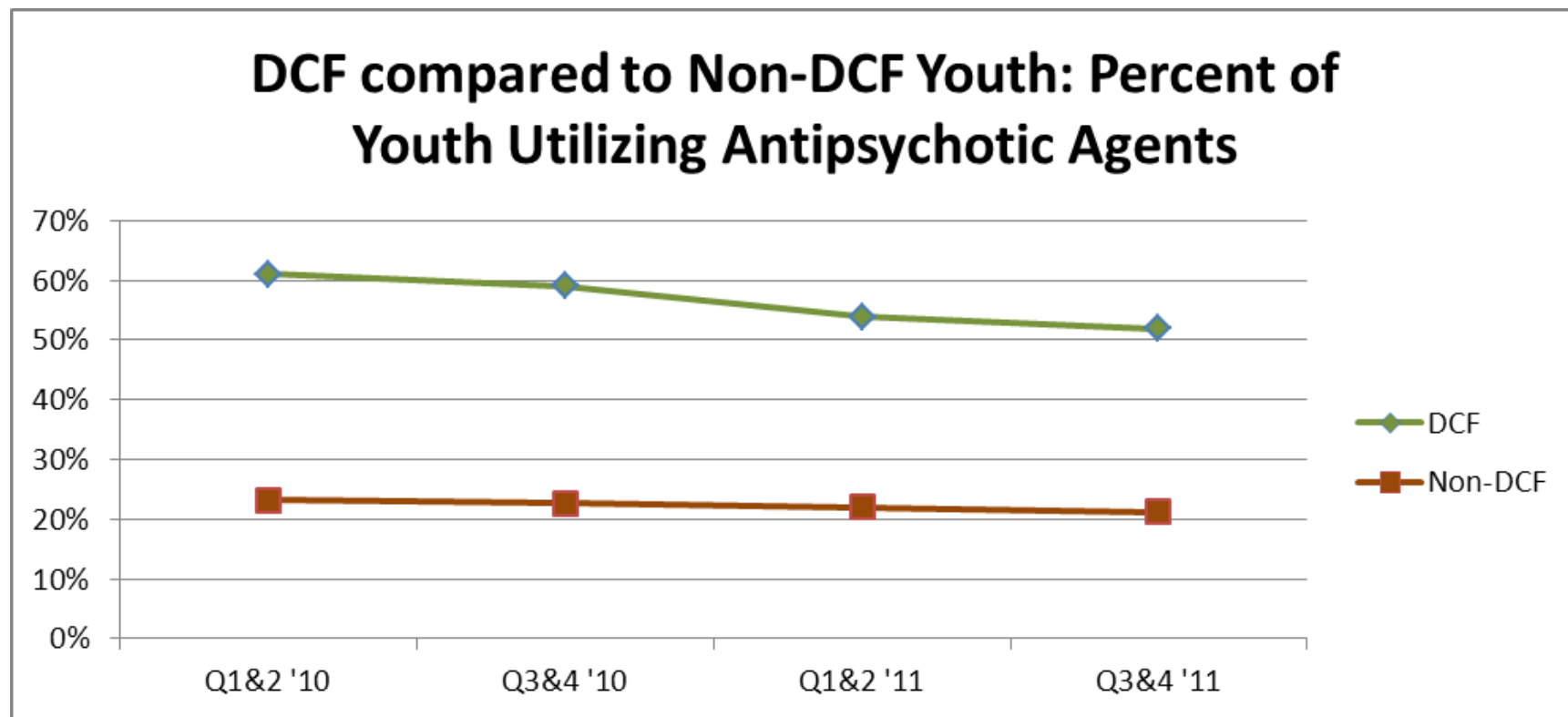
- Of those adults utilizing behavioral health medications, about 65% are taking Antidepressants agents
- Utilization of Antipsychotic agents is trending downward (15.4% in Q1&2 2008 to 13.9% in Q3&4 2011)
- Utilization of Antianxiety agents is trending upward (36.2% in Q1&2 2008 to 39.5% in Q3&4 2011)
- Utilization of Stimulant medications is trending upward (4.7% in Q1&2 2008 to 7.6% in Q3&4 2011)

Youth (0-18) Utilization by Therapeutic Class

Youth:

- The use of Antipsychotic agents is decreasing among youth, (30.5% in Q1&2 2008 to 24.8% in Q3&4 2011)
- Stimulants are the most widely prescribed BH medication with a continuing upward trend (~59%)
- Antidepressants are used by nearly 25% of all HUSKY A and B youth medication utilizers

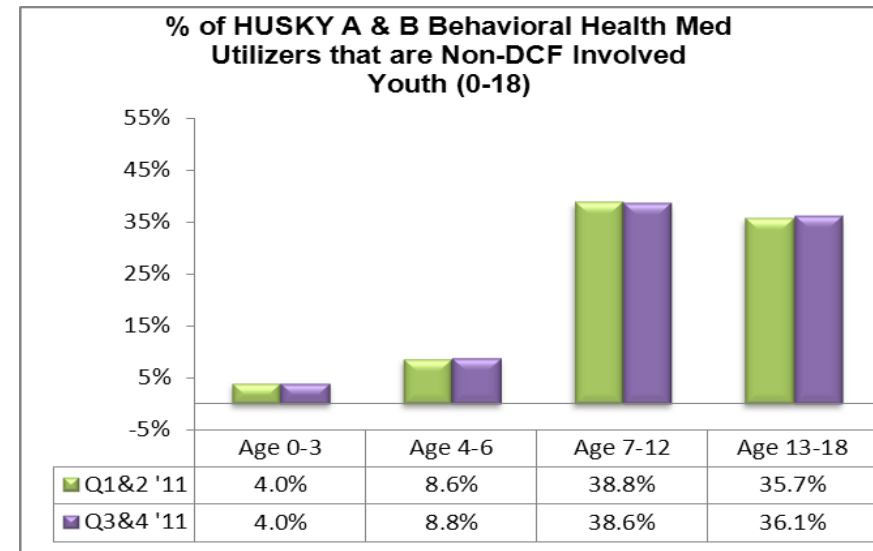
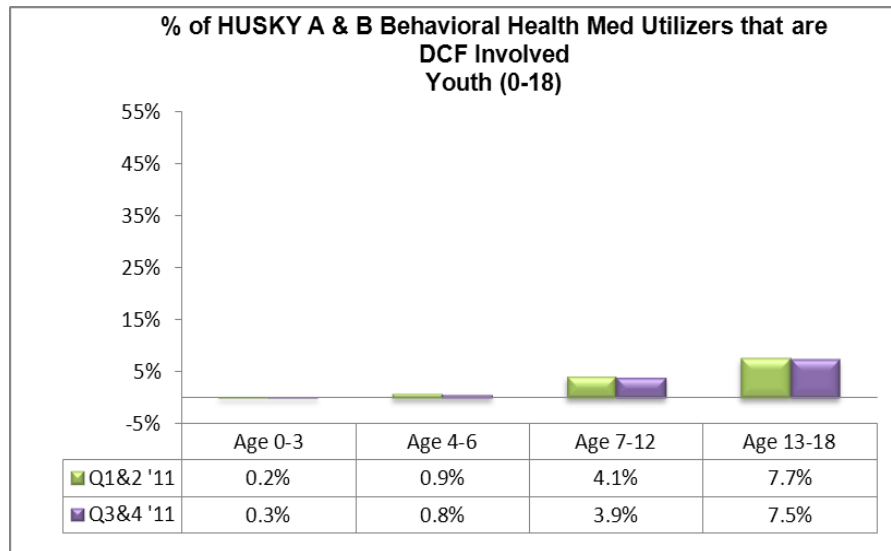
DCF Compared to Non-DCF Youth



DCF Compared to Non-DCF Youth Utilization by Therapeutic Class

- Over the past two years, Antipsychotic use by all youth members has decreased, and for DCF members it has decreased more dramatically (from 61% in Q1&2 2010 to 52% in Q3&4 2011)
- DCF youth continue to have significantly higher rates of Antidepressant and Mood Stabilizer utilization than non-DCF youth
- Non-DCF youth more commonly use Anti-anxiety agents and Stimulants than DCF youth

Age and the Utilization of Behavioral Health Medications



- DCF accounts for a significantly lower percentage of all HUSKY A and B behavioral health medication utilizers. The following slides describe DCF youth utilization by age grouping
- Enrollment data needs to be considered

Most Commonly Utilized Behavioral Health Medications

Adult Members: Most Commonly Utilized BH Medications

Drug Generic Name	Brand Name	Therapeutic Class	Position in list	% Adult Utilizers Q1&2 '10	Position in list	% Adult Utilizers Q3&4 '10	Position in list	% Adult Utilizers Q1&2 '11	Position in list	% Adult Utilizers Q3&4 '11
Alprazolam	Xanax	Antianxiety Agent	1	13.85%	1	14.31%	1	14.41%	1	14.83%
Sertraline HCl	Zoloft	Antidepressant	2	12.42%	2	12.60%	2	12.63%	2	12.46%
Escitalopram Oxalate	Lexapro	Antidepressant	3	12.36%	4	12.31%	3	12.21%	3	11.93%
Zolpidem Tartrate	Ambien	Hypnotics	4	12.22%	3	12.36%	4	12.14%	4	11.75%
Clonazepam	Klonopin	Antianxiety Agent	5	10.03%	5	10.38%	5	10.30%	5	10.18%

- Over the past 2 years, the top 5 most commonly utilized behavioral health medications have remained consistent for adult members

DCF Involved Youth Members: Most Commonly Utilized BH Medications

Drug Generic Name	Brand Name	Therapeutic Class	Position in list	% DCF Youth Utilizers Q1&2 '10	Position in list	% DCF Youth Utilizers Q3&4 '10	Position in list	% DCF Youth Utilizers Q1&2 '11	Position in list	% DCF Youth Utilizers Q3&4 '11
Aripiprazole	Abilify	Antipsychotic	1	23.48%	1	21.70%	2	19.95%	2	18.89%
Methylphenidate HCl	Ritalin	Stimulants	2	20.89%	2	20.41%	1	20.30%	1	20.07%
Risperidone	Risperdol	Antipsychotic	3	19.92%	3	19.61%	3	18.54%	3	18.27%
Quetiapine Fumarate	Seroquel	Antipsychotic	4	16.81%	4	15.06%	4	14.51%	4	12.77%
Amphetamine-Dextroamphetamine	Adderall	Stimulants	5	10.97%	5	11.13%	5	10.63%	7	10.05%
Guanfacine HCl	Tenex	Stimulant	12	6.36%	10	8.73%	5	10.63%	5	12.05%

- Over the past 2 years, the top 5 most commonly utilized behavioral health medications have remained consistent for DCF Involved members with the exception of Adderall. In Q3&4 2011, Tenex, a different Stimulant, replaced Adderall in the number 5 rank
- In 2011, a Stimulant has replaced an Antipsychotic agent as the most commonly prescribed medication for DCF involved youth

Non-DCF Involved Youth Members: Most Commonly Utilized BH Medications

Drug Generic Name	Brand Name	Therapeutic Class	Position in list	% Non-DCF Youth Utilizers Q1&2 '10	Position in list	% Non-DCF Youth Utilizers Q3&4 '10	Position in list	% Non-DCF Youth Utilizers Q1&2 '11	Position in list	% Non-DCF Youth Utilizers Q3&4 '11
Methylphenidate HCl	Ritalin	Stimulants	1	26.03%	1	25.81%	1	25.80%	1	25.19%
Hydroxyzine HCl	Hydroxyzine	Antianxiety Agent	2	12.91%	3	11.93%	4	11.33%	3	12.21%
Amphetamine-Dextroamphetamine	Adderall	Stimulants	3	11.74%	4	11.79%	3	11.83%	4	11.35%
Lisdexamfetamine Dimesylate	Vyvanse	Stimulants	4	11.67%	2	12.52%	2	13.00%	2	13.28%
Risperidone	Risperdol	Antipsychotic	5	10.07%	5	9.93%	5	9.43%	5	9.32%

- Among Non-DCF youth there is great stability in the top utilized BH medications.
- Stimulants account for five (5) of the top ten most frequently prescribed medications for Non-DCF involved youth

Summary

- Use of Antipsychotic agents has decreased by 15% for all DCF age groups over the last two years
- Use of Stimulant medication is trending up for all DCF involved youth in all age groups
- Antidepressant use has decreased for DCF involved youth age 7-12 but increased for youth age 13-18
- The number of HUSKY A adult medication utilizers decreased for the first time since 2008 in Q3&4 2011
- Inclusion of enrollment data will add to the analysis