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Disability Lifeline (DL)¹ and Uninsured Mental Health Integration Program *Implementation Status Report* HIGHLIGHTS for the period JULY 1, 2008 to June 30, 2011

Noteworthy Progress:

- Since the third quarter of 2008, 7,929 DL and uninsured clients have been enrolled in the program in King County. *(pages 1-2)*
- During the second quarter of 2011, 2,431 clients were in active status in the program. *(pages 3-4)*
- The percentage of clients in active status screened for mental health problems, substance abuse problems, or problems with pain has been consistently high since the first quarter of 2009—93% or more. In the most recent quarter, 98% of these clients were screened. *(pages 5-6)*
- Between the third quarter of 2008 and the second quarter of 2011, the proportion of clients in active status for whom psychiatric consultation was sought increased from 18% to 71%. *(pages 12-13)*

Indicators to Watch:

- Of the 6,114 DL clients enrolled since the third quarter of 2008, 1,031 have been referred to DL-X². The number referred has dropped in the last year. Only DL clients are eligible to be referred to DL-X. *(page 7)*
- Of the 7,929 clients enrolled since the third quarter of 2008,
 - 1,082 have been referred to vocational rehabilitation services *(page 9)* and
 - 562 have been referred to housing assistance. *(page 10)*
- Among clients in active status in the first two quarters of 2011 who had at least two depression scores, 40% showed improvement in depression symptoms. Among clients with severe depression, 55% showed improvement. *(pages 14-15)*
- 47% of clients in active status in the first two quarters of 2011 who had at least two depression or anxiety scores showed improvement. *(page 16)*

Room for Improvement:

- Referral to chemical dependency treatment continues to be low—of clients enrolled since the third quarter of 2008, 634 have been referred. This is about a fourth of those estimated to need treatment. *(page 8)*
- Only 49 uninsured clients have been referred to an Eligibility Specialist since the third quarter of 2008. *(page 11)*

¹ Disability Lifeline (DL) was formerly called General Assistance-Unemployable (GA-U).

² Disability Lifeline-Expedited (DL-X) was formerly known as General Assistance-Expedited (GA-X).

Table of Contents

Background Information	iii
Enrollment	1
DL and Uninsured Clients in Active Status	3
Percent of Clients Screened	5
Referrals	
Disability Lifeline – Expedited (DL-X)	7
Chemical Dependency (CD) Treatment	8
Division of Vocational Rehabilitation (DVR)	9
Housing Assistance	10
Eligibility Specialist	11
Psychiatric Consultation	12
Clinical Improvement in Depression Symptoms	
5-Point Improvement in PHQ-9 Score	14
Clinical Improvement	
5-Point Improvement in PHQ-9 or GAD-7 Score	16
Appendix A: Overlapping Populations	A1
Appendix B: Acknowledgements	B1

Background Information about the Mental Health Integration Program for DL¹ and Uninsured Populations

In January 2008, a legislatively-funded mental health benefit was added to an existing medical managed care pilot for General Assistance-Unemployable (GA-U)² clients in King and Pierce Counties. Behavioral health treatments available through this benefit are provided via the Mental Health Integration Program (MHIP). MHIP is based on a model of collaborative care developed and tested at the University of Washington (UW) Department of Psychiatry and Behavioral Sciences. MHIP is a stepped-care model where care coordinators and consulting psychiatrists support primary care providers with addressing clients' mental health needs. Clients' mental health needs are closely monitored and steps are implemented to improve symptoms. In addition, if indicated, clients are to be referred to appropriate external services, such as chemical dependency treatment.

In January 2009, the Mental Health Integration Program became available for the Uninsured population in King County through funding from the King County Human Services Levy: Strategy #3.1. The target population for the Mental Health Integration Program for the Uninsured includes:

- Recent immigrants,
- Individuals who have lost their DL coverage, and
- Uninsured clients of King County community health centers and safety net primary care clinics.

Strategies of the Mental Health Integration Program for both the DL and Uninsured Populations of King County include:

- Treatment for mental health issues in primary care,
- Close monitoring of mental health symptoms and implementing steps towards symptom improvement, and
- Referral to appropriate external services, such as chemical dependency treatment programs.

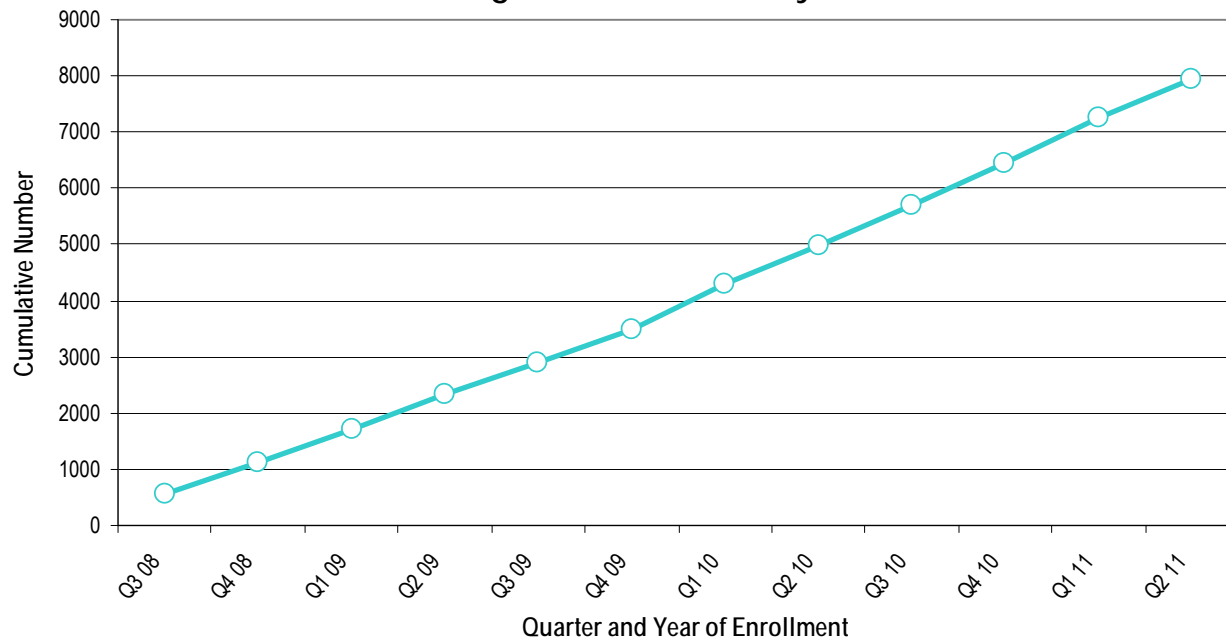
The UW Center for Healthcare Improvement for Addictions, Mental Illness and Medically Vulnerable Populations (CHAMMP) is responsible for tracking progress of program implementation. A summary of findings for the DL and Uninsured populations is presented in this report. All findings are taken from the project's Mental Health Integrated Tracking System (MHITS) database, which may under-report actual project activities due to incomplete data entry.

¹ Disability Lifeline (DL) was formerly called General Assistance-Unemployable (GA-U).

² GA-U is now called Disability Lifeline (DL)

Enrollment

Number of DL and Uninsured Clients Enrolled in the Mental Health Integration Program: Cumulative by Quarter



- Since the third quarter of 2008, 7,929 DL and uninsured clients have been enrolled in the Mental Health Integration Program in King County.

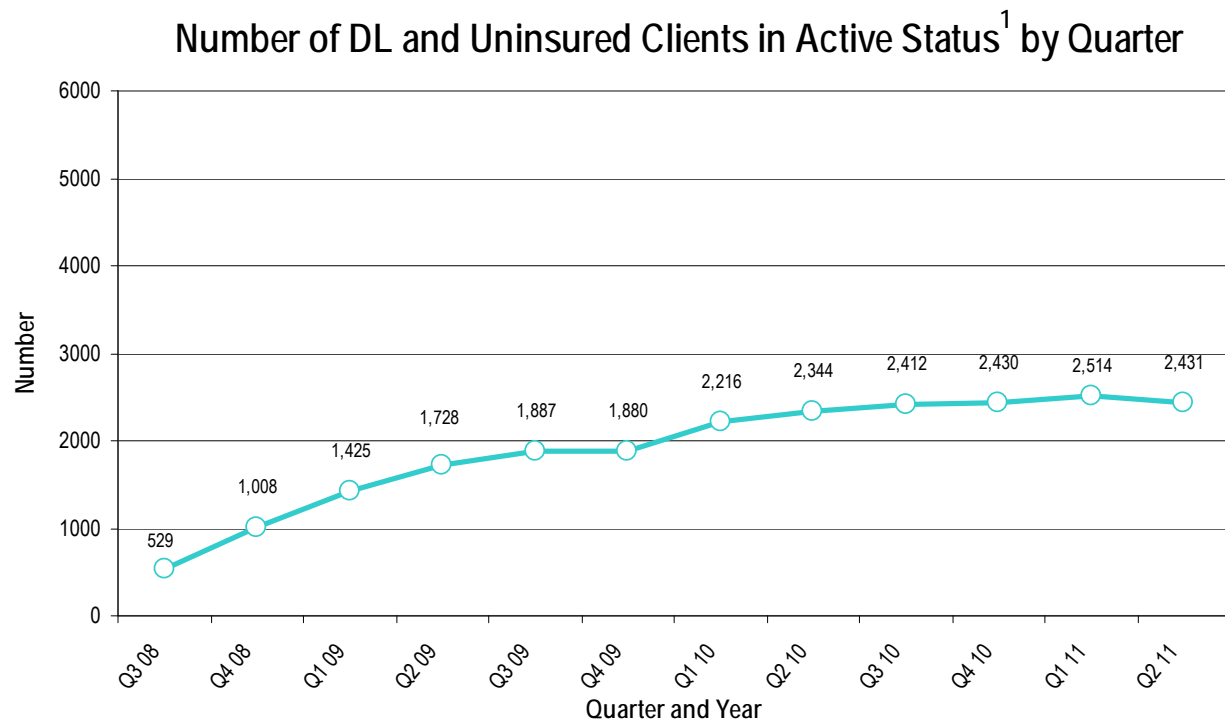
Enrollment

Number of DL and Uninsured Clients Enrolled in the Mental Health Integration Program: Cumulative by Quarter and Agency

Agency	Q3 & Q4 08	Q1 & Q2 09	Q3 & Q4 09	Q1 & Q2 10	Q3 & Q4 10	Q1 & Q2 11	Q1 11	Q2 11
Country Doctor CHC	79	165	261	362	447	535	498	535
Harborview Medical Center	98	259	367	551	699	848	783	848
HealthPoint	578	1,109	1,570	2,181	2,784	3,331	3,077	3,331
International CHS	24	55	81	113	172	225	201	225
NeighborCare Health	278	584	908	1,292	1,699	2,107	1,899	2,107
Public Health Seattle & King County	-	33	138	236	316	416	363	416
SeaMar CHC	56	121	172	237	311	427	393	427
Seattle Indian Health Board	-	-	1	4	19	26	22	26
Valley Cities Counseling and Consultation	-	-	-	-	-	14	11	14
CUMULATIVE TOTAL	1,113	2,326	3,498	4,976	6,447	7,929	7,247	7,929
NEWLY ENROLLED	1,113	1,213	1,172	1,478	1,471	1,482	800	682

Note: A dash (-) indicates that the agency was not a participant in the Mental Health Integration Program during this time period.

DL and Uninsured Clients in Active Status



- In the second quarter of 2011, 2,431 DL and uninsured clients were in active status.
- During the first two quarters of 2011, 3,179 unique DL and uninsured clients were active in the program.

¹DL and uninsured clients are considered to be in "active status" once they have been entered into MHITS, found eligible, and are still enrolled.

DL and Uninsured Clients in Active Status¹Number of DL and Uninsured Clients in Active Status by Quarter and Agency²

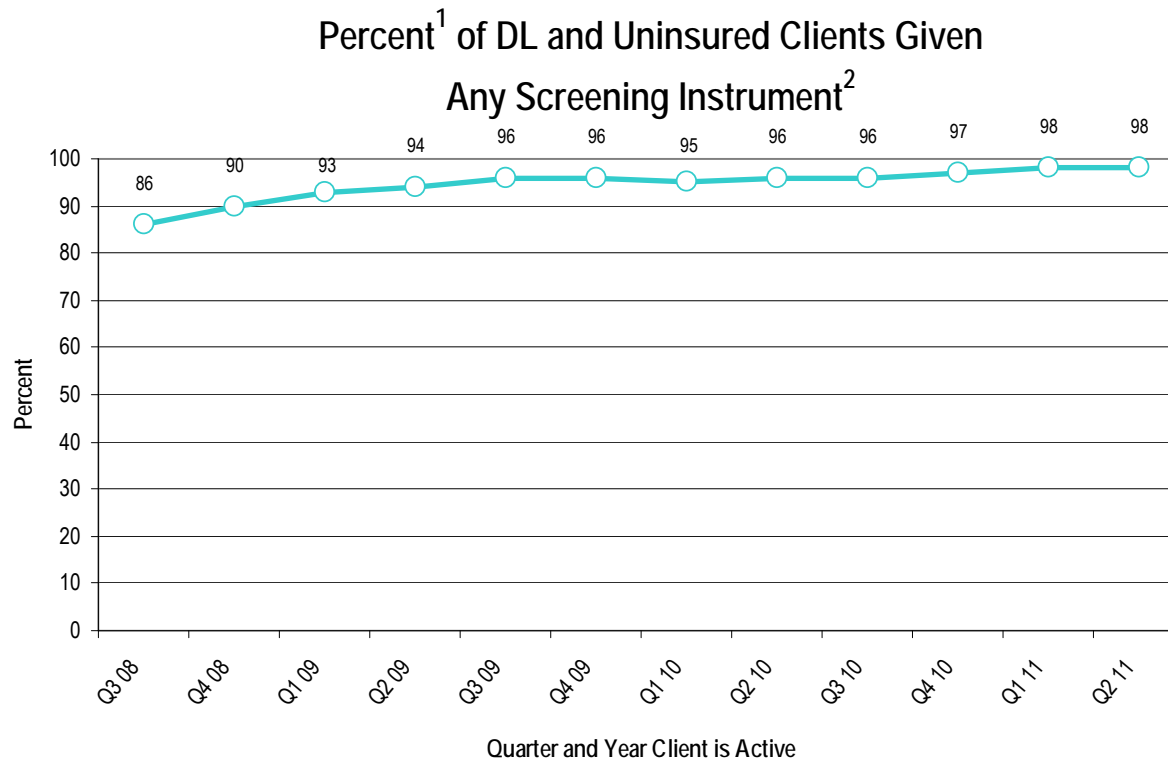
Agency	Q3 & Q4 08	Q1 & Q2 09	Q3 & Q4 09	Q1 & Q2 10	Q3 & Q4 10	Q1 & Q2 11	Q1 2011	Q2 2011
Country Doctor CHC	78	157	190	216	216	203	166	174
Harborview Medical Center	98	230	254	348	370	372	308	289
HealthPoint	520	919	961	1,038	1,122	1,007	763	726
International CHS	24	54	70	79	114	127	103	94
NeighborCare Health	271	516	732	813	929	989	786	754
Public Health Seattle & King County	-	31	128	218	206	212	160	172
SeaMar CHC	54	105	126	149	169	235	201	193
Seattle Indian Health Board	-	-	1	4	14	20	16	15
Valley Cities Counseling and Consultation	-	-	-	-	-	14	11	14
TOTAL	1,045	2,012	2,462	2,865	3,140	3,179	2,514	2,431

¹During the first two quarters of 2011, 3,179 unique DL and uninsured clients were active in the program.

²Each column represents the total number of unique clients who were active at any time during the designated time period.

Note: A dash (-) indicates that the agency was not a participant in the Mental Health Integration Program during this time period.

Percent of DL and Uninsured Clients Screened



- Among clients active during the *second quarter of 2011*, 98% were given one or more screens for mental health problems, substance abuse problems, or problems with pain.
- Among clients active during the *first two quarters* of 2011, 98% were screened with one or more standard instruments; this represents a total of 3,107 unique clients.

¹ The denominator for this indicator is clients who were active in the quarter of interest.

² Screening instruments included are: PHQ-9 = Patient Health Questionnaire-9 (depression screen), GAD-7 = Generalized Anxiety Disorder-7 (anxiety screen), GAIN-SS = Global Appraisal of Individual Needs – Short Screener (substance abuse screen), GAF = Global Assessment of Functioning Scale, MDQ BP = Mood Disorder Questionnaire (bipolar screen), ISS BP = Internal State Scale (bipolar screen), PCL-C = PTSD Checklist-Civilian Version (post-traumatic stress disorder screen), BPI = Brief Pain Inventory, CIDI = Composite International Diagnostic Interview—based Bipolar Disorder Screening Scale (bipolar screen).

Percent of DL and Uninsured Clients Screened¹Number (Num) and Percent (%)² of DL and Uninsured Clients Given Any Screening Instrument by Quarter Active and Agency

Agency	<u>Q3 & Q4 08</u>		<u>Q1 & Q2 09</u>		<u>Q3 & Q4 09</u>		<u>Q1 & Q2 10</u>		<u>Q3 & Q4 10</u>		<u>Q1 & Q2 11</u>		<u>Q1 11</u>		<u>Q2 11</u>		<u>Overall</u>	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	% ³
Country Doctor CHC	71	91%	152	97%	178	94%	201	93%	212	98%	194	96%	164	99%	166	95%	504	95%
Harborview Medical Center	94	96%	212	92%	249	98%	337	97%	369	100%	371	100%	307	100%	288	100%	810	97%
HealthPoint	481	93%	868	94%	927	96%	971	94%	1,065	95%	976	97%	741	97%	704	97%	2,914	94%
International CHS	24	100%	51	94%	70	100%	77	97%	109	96%	123	97%	99	96%	93	99%	218	97%
NeighborCare Health	213	79%	463	90%	685	94%	775	95%	903	97%	964	97%	766	97%	732	97%	1,983	96%
Public Health Seattle & King County	-	-	27	87%	122	95%	215	99%	206	100%	212	100%	160	100%	172	100%	400	99%
SeaMar CHC	50	93%	104	99%	120	95%	139	93%	162	96%	233	99%	199	99%	191	99%	410	97%
Seattle Indian Health Board	-	-	-	-	1	100%	4	100%	14	100%	20	100%	16	100%	15	100%	21	100%
Valley Cities Counseling and Consultation	-	-	-	-	-	-	-	-	-	-	14	100%	10	91%	14	100%	14	100%
TOTAL	933	89%	1,877	93%	2,352	96%	2,719	95%	3,040	97%	3,107	98%	2,462	98%	2,375	98%	7,274	96%

¹ Among clients active during the *first two quarters* of 2011, 98% were screened with one or more standard instruments; this represents a total of 3,107 unique clients.

² The denominator for this indicator is clients who are active in the quarter of interest.

³ The overall percent reflects the number of clients who have ever had a screen out of all active clients.

Note: A dash (-) indicates that the agency was not a participant in the Mental Health Integration Program during this time period.

Referrals to Disability Lifeline–Expedited (DL-X^{1,2})Number of DL Clients³ Who Were Referred (Ref) to DL-X and Who Completed Referral (Comp)⁴ by Quarter of Enrollment and Agency

Agency	<u>Q3 & Q4 08</u>		<u>Q1 & Q2 09</u>		<u>Q3 & Q4 09</u>		<u>Q1 & Q2 10</u>		<u>Q3 & Q4 10</u>		<u>Q1 & Q2 11</u>		<u>Q1 11</u>		<u>Q2 11</u>		<u>Overall</u>	
	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp
Country Doctor CHC	23	19	26	22	33	26	39	30	27	14	16	8	11	4	5	4	164	119
Harborview Medical Center	18	11	25	10	21	17	25	17	9	4	1	0	1	0	0	0	99	59
HealthPoint	53	38	58	45	62	43	92	68	57	30	16	9	12	8	4	1	338	233
International CHS	0	0	6	4	4	3	9	6	4	4	1	1	1	1	0	0	24	18
NeighborCare Health	65	53	27	19	37	29	55	39	30	18	15	7	13	6	2	1	229	165
Public Health Seattle & King County	-	-	3	3	10	5	13	8	7	2	4	2	2	1	2	1	37	20
SeaMar CHC	20	12	29	24	23	20	27	23	26	22	13	6	11	6	2	0	138	107
Seattle Indian Health Board	-	-	-	-	0	0	1	0	1	0	0	0	0	0	0	0	2	0
TOTAL	179	133	174	127	190	143	261	191	161	94	66	33	51	26	15	7	1,031	721

¹ DL-X referrals are based on direct referral to DL-X through a care coordinator or indirect referral to DL-X through Disability Outreach (DO). Disability Outreach is a private nonprofit agency contracted by Community Health Plan to assist eligible DL enrollees with their DL-X applications. Disability Outreach services were instituted in Q1 10 to assist clients with DL-X enrollment.

² Disability Lifeline-Expedited (DL-X) was formerly known as General Assistance-Expedited (GA-X).

³ DL-X referrals are only applicable to DL clients. The total number of enrolled DL clients is as follows: Q3 & Q4 08 = 1,098; Q1 & Q2 09 = 1,092; Q3 & Q4 09 = 895; Q1 & Q2 10 = 1,015; Q3 & Q4 10 = 1,034; Q1 11 = 547; Q2 11 = 433; Grand Total = 6,114.

⁴ A care coordinator referral was considered completed if the client followed through. It did NOT count as completed if the client refused the referral, did not show up to their appointment, or if the service was not available, no longer necessary, or pending at the time this report was compiled. A DO referral was considered completed if the client was approved for DL-X, did not meet medical or non-medical criteria, was unable to demonstrate a disability through sufficient medical documentation, did not qualify due to current or recent substance use, or if their application is pending with DSHS. It did NOT count as completed if the client did not participate in the application process or if DO had not started a client assessment.

Note: A dash (-) indicates that the agency was not a participant in the Mental Health Integration Program during this time period.

Not applicable (n/a) indicates there were no clients for whom this indicator applies during this particular time period.

Referrals to Chemical Dependency (CD) Treatment

Number of DL and Uninsured Clients Who Were Referred (Ref) to CD Treatment and Who Completed Referral (Comp)¹ by Quarter of Enrollment and Agency

Agency	Q3 & Q4 08		Q1 & Q2 09		Q3 & Q4 09		Q1 & Q2 10		Q3 & Q4 10		Q1 & Q2 11		Q1 11		Q2 11		Overall	
	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp
Country Doctor CHC	7	4	17	10	18	11	19	14	10	9	5	3	4	3	1	0	76	51
Harborview Medical Center	20	10	35	11	28	6	38	9	45	5	37	5	23	5	14	0	203	46
HealthPoint	19	8	10	5	18	12	17	5	10	5	6	6	6	6	0	0	80	41
International CHS	1	0	1	1	0	0	1	0	2	1	0	0	0	0	0	0	5	2
NeighborCare Health	26	16	35	20	36	19	24	9	14	6	11	5	7	3	4	2	146	75
Public Health Seattle & King County	-	-	2	0	14	2	10	0	5	0	7	3	2	1	5	2	38	5
SeaMar CHC	3	2	13	7	9	5	14	12	16	12	26	12	21	9	5	3	81	50
Seattle Indian Health Board	-	-	-	-	1	1	2	2	2	2	0	0	0	0	0	0	5	5
Valley Cities Counseling and Consultation	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0
TOTAL	76	40	113	54	124	56	125	51	104	40	92	34	63	27	29	7	634	275

¹ A referral was considered completed if the client followed through. It did NOT count as completed if the client refused the referral, did not show up to their appointment, or if the service was not available, no longer necessary, or pending at the time this report was compiled.

Note: A dash (-) indicates that the agency was not a participant in the Mental Health Integration Program during this time period.

Not applicable (n/a) indicates there were no clients for whom this indicator applies during this particular time period.

Referrals to Division of Vocational Rehabilitation (DVR)

Number of DL and Uninsured Clients Who Were Referred (Ref) to DVR Services and Who Completed Referral (Comp)¹ by Quarter of Enrollment and Agency

Agency	Q3 & Q4 08		Q1 & Q2 09		Q3 & Q4 09		Q1 & Q2 10		Q3 & Q4 10		Q1 & Q2 11		Q1 11		Q2 11		Overall	
	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp
Country Doctor CHC	24	14	27	16	41	23	35	21	34	24	24	11	19	11	5	0	185	109
Harborview Medical Center	13	2	24	8	26	11	33	8	25	7	12	2	8	1	4	1	133	38
HealthPoint	12	4	18	9	22	4	32	11	29	10	9	4	8	3	1	1	122	42
International CHS	6	1	3	1	3	2	3	0	2	2	1	1	1	1	0	0	18	7
NeighborCare Health	48	33	68	30	57	31	49	15	49	20	22	5	14	4	8	1	293	134
Public Health Seattle & King County	-	-	15	7	24	12	16	5	14	3	7	2	3	2	4	0	76	29
SeaMar CHC	21	14	30	22	32	23	37	21	50	37	83	35	60	28	23	7	253	152
Seattle Indian Health Board	-	-	-	-	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Valley Cities Counseling and Consultation	-	-	-	-	-	-	-	-	-	-	1	1	1	1	0	0	1	1
TOTAL	124	68	185	93	205	106	205	81	204	103	159	61	114	51	45	10	1,082	512

¹ A referral was considered completed if the client followed through. It did NOT count as completed if the client refused the referral, did not show up to their appointment, or if the service was not available, no longer necessary, or pending at the time this report was compiled.

Note: A dash (-) indicates that the agency was not a participant in the Mental Health Integration Program during this time period.

Not applicable (n/a) indicates there were no clients for whom this indicator applies during this particular time period.

Referrals to Housing Assistance

Number of DL and Uninsured Clients Who Were Referred (Ref) to Housing Assistance and Who Completed Referral (Comp)¹ by Quarter of Enrollment and Agency

Agency	Q3 & Q4 08		Q1 & Q2 09		Q3 & Q4 09		Q1 & Q2 10		Q3 & Q4 10		Q1 & Q2 11		Q1 11		Q2 11		Overall	
	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp
Country Doctor CHC	9	8	12	11	26	19	21	14	12	7	11	6	8	6	3	0	91	65
Harborview Medical Center	10	2	21	7	17	11	25	16	17	5	8	1	3	0	5	1	98	42
HealthPoint	18	11	19	10	29	17	32	22	17	15	12	10	7	7	5	3	127	85
International CHS	3	2	1	1	3	1	5	3	3	2	3	2	3	2	0	0	18	11
NeighborCare Health	26	17	27	12	27	14	16	12	13	6	8	3	5	2	3	1	117	64
Public Health Seattle & King County	-	-	8	3	11	3	7	2	7	0	11	2	6	2	5	0	44	10
SeaMar CHC	3	2	9	5	6	5	6	2	8	6	33	12	21	5	12	7	65	32
Seattle Indian Health Board	-	-	-	-	1	1	1	1	0	0	0	0	0	0	0	0	2	2
Valley Cities Counseling and Consultation	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0
TOTAL	69	42	97	49	120	71	113	72	77	41	86	36	53	24	33	12	562	311

¹ A referral was considered completed if the client followed through. It did NOT count as completed if the client refused the referral, did not show up to their appointment, or if the service was not available, no longer necessary, or pending at the time this report was compiled.

Note: A dash (-) indicates that the agency was not a participant in the Mental Health Integration Program during this time period.

Not applicable (n/a) indicates there were no clients for whom this indicator applies during this particular time period.

Referrals to Eligibility Specialist

Number of Uninsured Clients¹ Who Were Referred (Ref) to an Eligibility Specialist and Who Completed Referral (Comp)² by Quarter of Enrollment and Agency

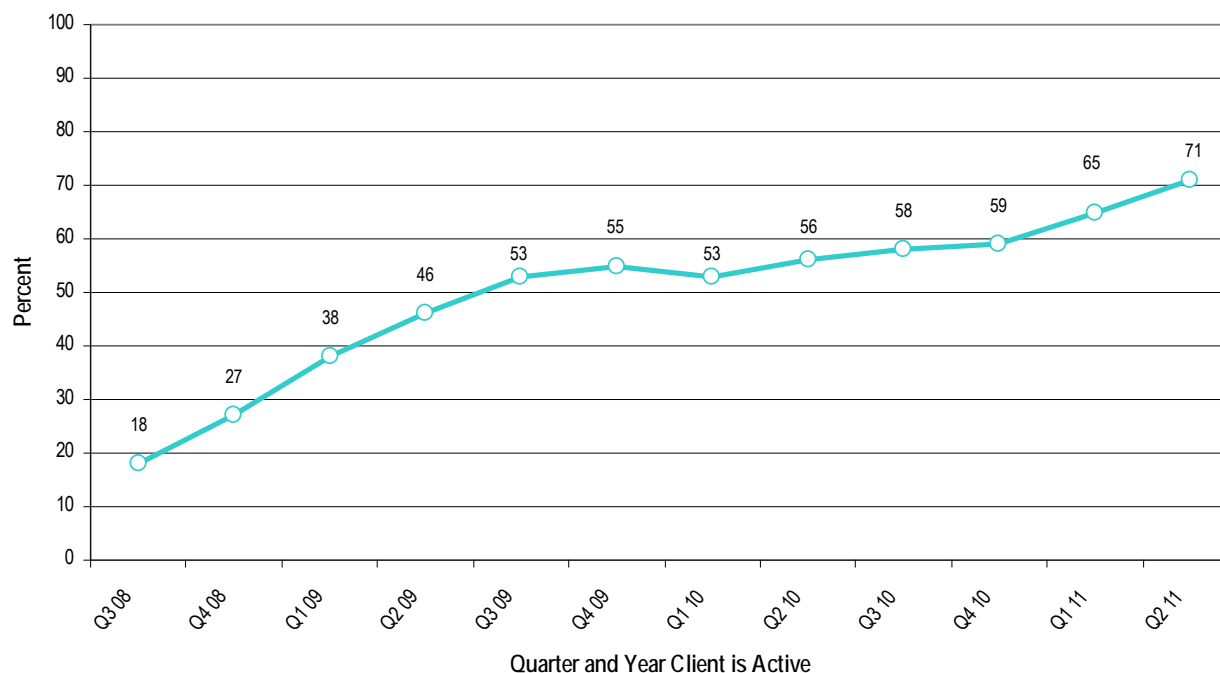
Agency	Q3 & Q4 08		Q1 & Q2 09		Q3 & Q4 09		Q1 & Q2 10		Q3 & Q4 10		Q1 & Q2 11		Q1 11		Q2 11		Overall		
	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	Ref	Comp	
Country Doctor CHC	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Harborview Medical Center	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	
HealthPoint	0	0	0	0	3	3	9	9	11	7	8	8	5	5	3	3	31	27	
International CHS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NeighborCare Health	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	
Public Health Seattle & King County	-	-	1	0	7	2	5	0	3	1	0	0	0	0	0	0	16	3	
SeaMar CHC	-	-	-	-	-	-	-	-	-	-	0	0	0	0	n/a	n/a	0	0	
Valley Cities Counseling and Consultation	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	
TOTAL	0	0	1	0	11	6	14	9	15	9	8	8	5	5	3	3	49	32	

¹ Eligibility Specialist referrals are only applicable to uninsured clients. The total number of enrolled uninsured clients is as follows: Q3 & Q4 08 = 18; Q1 & Q2 09 = 135; Q3 & Q4 09 = 312; Q1 & Q2 10 = 484; Q3 & Q4 10 = 448; Q1 11 = 259; Q2 11 = 255; Grand Total = 1,911.

² A referral was considered completed if the client followed through. It did NOT count as completed if the client refused the referral, did not show up to their appointment, or if the service was not available, no longer necessary, or pending at the time this report was compiled.

Note: A dash (-) indicates that the agency was not a participant in the Mental Health Integration Program during this time period.

Not applicable (n/a) indicates there were no clients for whom this indicator applies during this particular time period.

Psychiatric Consultation¹Percent of DL and Uninsured Clients with Psychiatric Consultation²

- Psychiatric consultation is an important intervention associated with positive mental health outcomes. As such, identifying the extent to which psychiatric consultations are occurring is an important indicator of the quality of mental health services being provided.
- Since the third quarter of 2008, the proportion of active clients for whom psychiatric consultation was sought increased from about 18% to 71%. This is evidence of positive growth.
- Among clients active during the *first two quarters* of 2011, 68% had a psychiatric consultation; this represents a total of 2,172 unique clients.

¹ In October 2009, the Mental Health Integration Program instituted several Quality Aims. Psychiatric consultation is one of these aims. The measure presented on this page was developed before the Quality Aims were established. In the interest of maintaining comparability over time, it has not been changed. As such, there may be discrepancies between the measure in this report and the corresponding Quality Aims measure that may appear in other reports.

² It is not expected that every DL or uninsured client will have a psychiatric consultation every quarter. Thus, we are recording the percent of DL or uninsured clients who receive at least one psychiatric consultation while their case is active. For example, if a client's case is active for 4 quarters and the client receives a psychiatric consultation in Quarter 2, it will be recorded for quarters 2, 3, and 4.

Psychiatric Consultation^{1,2}Number (Num) and Percent (%)³ of DL and Uninsured Clients with Psychiatric Consultation by Quarter Active and Agency⁴

Agency	<u>Q3 & Q4 08</u>		<u>Q1 & Q2 09</u>		<u>Q3 & Q4 09</u>		<u>Q1 & Q2 10</u>		<u>Q3 & Q4 10</u>		<u>Q1 & Q2 11</u>		<u>Q1 11</u>		<u>Q2 11</u>		<u>Overall</u>	
	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	%	Num	% ⁵
Country Doctor CHC	18	23%	69	44%	98	52%	132	61%	154	71%	173	85%	136	82%	149	86%	353	66%
Harborview Medical Center	75	77%	172	75%	193	76%	259	74%	292	79%	319	86%	250	81%	256	89%	670	81%
HealthPoint	81	16%	301	33%	441	46%	455	44%	478	43%	472	47%	351	46%	368	51%	1,239	40%
International CHS	7	29%	33	61%	48	69%	59	75%	90	79%	104	82%	90	87%	78	83%	176	78%
NeighborCare Health	71	26%	193	37%	328	45%	385	47%	486	52%	722	73%	537	68%	571	76%	1,176	57%
Public Health Seattle & King County	-	-	14	45%	81	63%	160	73%	166	81%	171	81%	119	74%	143	83%	311	77%
SeaMar CHC	29	54%	88	84%	109	87%	123	83%	143	85%	196	83%	149	74%	159	82%	348	83%
Seattle Indian Health Board	-	-	-	-	0	0%	2	50%	4	29%	12	60%	7	44%	11	73%	12	57%
Valley Cities Counseling and Consultation	-	-	-	-	-	-	-	-	-	-	3	21%	0	0%	3	21%	3	21%
TOTAL	281	27%	870	43%	1,298	53%	1,575	55%	1,813	58%	2,172	68%	1,639	65%	1,738	71%	4,288	56%

¹ In October 2009, the Mental Health Integration Program instituted several Quality Aims. Psychiatric consultation is one of these aims. The measure presented on this page was developed before the Quality Aims were established. In the interest of maintaining comparability over time, it has not been changed. As such, there may be discrepancies between the measure in this report and the corresponding Quality Aims measure that may appear in other reports.

² It is not expected that every DL or uninsured client will have a psychiatric consultation every quarter. Thus, we are recording the percent of DL or uninsured clients who receive at least one psychiatric consultation while their case is active. For example, if a client's case is active for 4 quarters and the client receives a psychiatric consultation in Quarter 2, it will be recorded for quarters 2, 3, and 4.

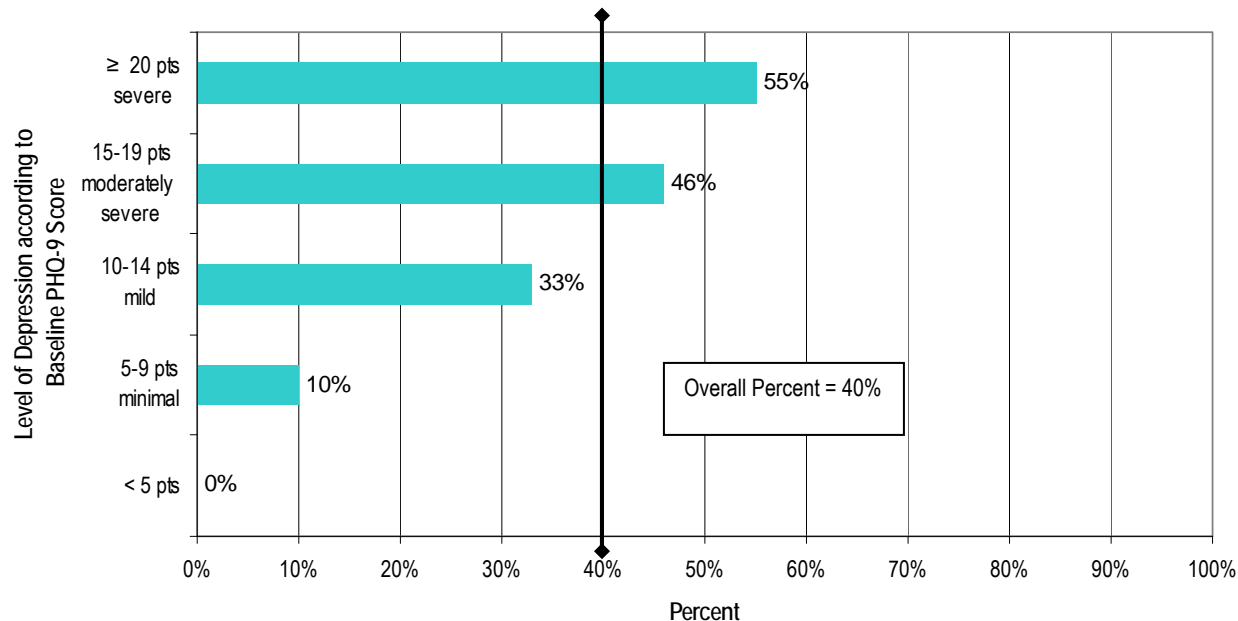
³ The denominator for this indicator is clients who are active in the quarter of interest.

⁴ Each column represents the total number of unique clients who were active at any time during the designated time period.

⁵ The overall percent reflects the number of clients who have ever had a psychiatric consultation out of all active clients.

Clinical Improvement in Depression Symptoms (5-Point or Greater Change in PHQ-9 Score)

Percent of DL and Uninsured Clients Active in the First Two Quarters of 2011 with 5-Point or Greater Improvement in PHQ-9 Score^{1,2}



- Overall, 40% of clients, who were active in the first two quarters of 2011 and had at least two depression scores, had a 5-point or greater improvement in their most recent PHQ-9 score.
- Clients with the most severe depression at baseline were more likely to show a 5-point or greater improvement in their most recent PHQ-9 score.
- According to the McArthur Initiative on Depression & Primary Care at Dartmouth and Duke, a decrease of 5 or more points on the PHQ-9 is considered an adequate response to treatment.³

¹ These data are based on all DL and Uninsured clients who had two or more PHQ-9 scores and were active in the first two quarters of 2011, a total of 2,359 clients.

² ≥ 20 points N = 843; 15-19 points N = 654; 10-14 points N = 498; 5-9 points N = 254; <5 points N = 110.

³ <http://www.depression-primarycare.org/clinicians/toolkits/materials/forms/phq9/>

Clinical Improvement in Depression Symptoms (5-Point or Greater Change in PHQ-9 Score)

Total Number of DL and Uninsured Clients *Active in the First Two Quarters of 2011*, Number and Percent (%) of Active DL and Uninsured Clients with at Least Two PHQ-9 Scores at Least One Week Apart, and Number and Percent of DL and Uninsured Clients with a 5-Point or Higher Reduction between Baseline and Last PHQ-9 Score by Agency

Agency	Total N	At Least 2 PHQ-9 Scores		At Least 2 PHQ-9 Scores & 5-Point or More Reduction	
		Num	%	Num	%
Country Doctor CHC	203	154	76%	66	43%
Harborview Medical Center	372	312	84%	119	38%
HealthPoint	1,007	722	72%	260	36%
International CHS	127	92	72%	50	54%
NeighborCare Health	989	705	71%	279	40%
Public Health Seattle & King County	212	163	77%	90	55%
SeaMar CHC	235	188	80%	84	45%
Seattle Indian Health Board	20	12	60%	3	25%
Valley Cities Counseling and Consultation	14	11	79%	4	36%
TOTAL	3,179	2,359	74%	955	40%

Clinical Improvement (5-Point or Greater Change in PHQ-9 or GAD-7 Score)

Total Number of DL and Uninsured Clients *Active in the First Two Quarters of 2011*, Number and Percent (%) of Active DL and Uninsured Clients with at Least Two PHQ-9 or GAD-7 Scores at Least One Week Apart, and Number and Percent of DL and Uninsured Clients with a 5-Point or Higher Reduction between Baseline and Last PHQ-9 or GAD-7 Score

Agency	Total N	At Least 2 PHQ-9 or GAD-7 Scores		At Least 2 PHQ-9 or GAD-7 Scores & 5-Point or More Reduction	
		Num	%	Num	%
Country Doctor CHC	203	154	76%	74	48%
Harborview Medical Center	372	312	84%	139	45%
HealthPoint	1,007	723	72%	306	42%
International CHS	127	92	72%	55	60%
NeighborCare Health	989	712	72%	330	46%
Public Health Seattle & King County	212	163	77%	104	64%
SeaMar CHC	235	188	80%	93	49%
Seattle Indian Health Board	20	12	60%	4	33%
Valley Cities Counseling and Consultation	14	11	79%	6	55%
TOTAL	3,179	2,367	74%	1,111	47%

Appendix A – Overlapping Populations

The Mental Health Integration Program (MHIP) has two components: (1) The Disability Lifeline (DL) Mental Health Pilot¹ funded by the Mental Health Transformation Grant and the Washington State Legislature, and (2) the Integrated Behavioral Health Pilots funded by the King County Veterans Levy, King County Human Services Levy, and Children’s Health Initiative. Reports on the progress of implementing the Mental Health Integration Program (MHIP) are produced periodically for a number of population groups including:

- Disability Lifeline(DL) and Uninsured
- High-Risk Pregnant and Parenting Women (“Mothers”)
- Veterans and Veteran Families

MHIP participants can be eligible through more than one population group and will, therefore, be represented in more than one report. The following table summarizes this overlap.

Here is how to read the table for DL and Uninsured clients:

- A total of 7,929 DL and Uninsured clients have been enrolled in MHIP.
- Among the 7,929 clients represented in the DL and Uninsured Report, 91 are also represented in the Mothers Report, and 139 are represented in the Veterans and Veteran Families report.

Number of Clients in Each Report Including the Number in More than One Report (overlap)

Population	<u>Disability Lifeline and Uninsured</u>	<u>Mothers</u>	<u>Veterans and Veteran Families</u>
Disability Lifeline and Uninsured	7,929	91	139
Mothers	91	1,602	0
Veterans and Veteran Families	139	0	757

¹ The Disability Lifeline (DL) Mental Health Pilot was formerly called the General Assistance-Unemployable (GA-U) Mental Health Pilot.

Appendix B – Acknowledgements

We gratefully acknowledge the generous contributions and support of the following agencies and programs to the Mental Health Integration Program:

Financial Support

- Department of Social and Health Services, Medicaid Purchasing Agency (formerly known as Health and Recovery Services Administration)
- Community Health Plan
- King County Veterans and Human Services Levies
- Mental Health Transformation Grant (funded by the Substance Abuse and Mental Health Services Administration)
- Children's Health Initiative
- King County Mental Illness & Drug Dependency (MIDD) Action Plan

Program Collaborators

- Disability Lifeline (DL) Mental Health Pilot Advisory Steering Committee
- Public Health – Seattle & King County
- Community Health Plan
- King County Regional Support Network
- United Way of King & Pierce Counties
- Seattle Children's Hospital
- University of Washington, Department of Psychiatry and Behavioral Sciences
 - Advancing Integrated Mental Health Solutions Program (AIMS)
 - Center for Healthcare Improvement for Addictions, Mental Illness and Medically Vulnerable Populations (CHAMMP)

Collaborating Clinics

- Community Health Care
- Country Doctor Community Health Centers
- Greater Lakes Mental Healthcare
- Harborview Medical Center Clinics
- HealthPoint
- International Community Health Services
- NeighborCare Health
- SeaMar Community Health Centers
- Seattle Indian Health Board
- Valley Cities Counseling & Consultation