



Treatment Improvement Reports (TIRs)

Presented to:
State System
Development Program
(SSDP) Conference
August 2008

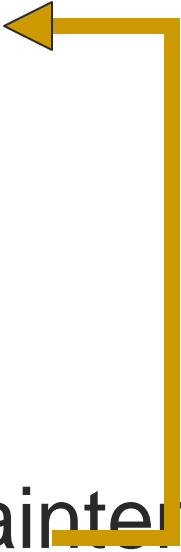
[Impetus]

- Providers' requests to increase flexibility with more accountability.
- Legislature's demand for measurable outcomes and outcome-based reporting.

Goals

- Improve service system by creating an instrument that could be used to target technical assistance and training.
- Improve the image of the State agency and the field by demonstrating high-level outcomes and accountability for funds received.

Treatment Phases

- Outreach
 - Engagement
 - Retention
 - Discharge
 - Recovery Maintenance
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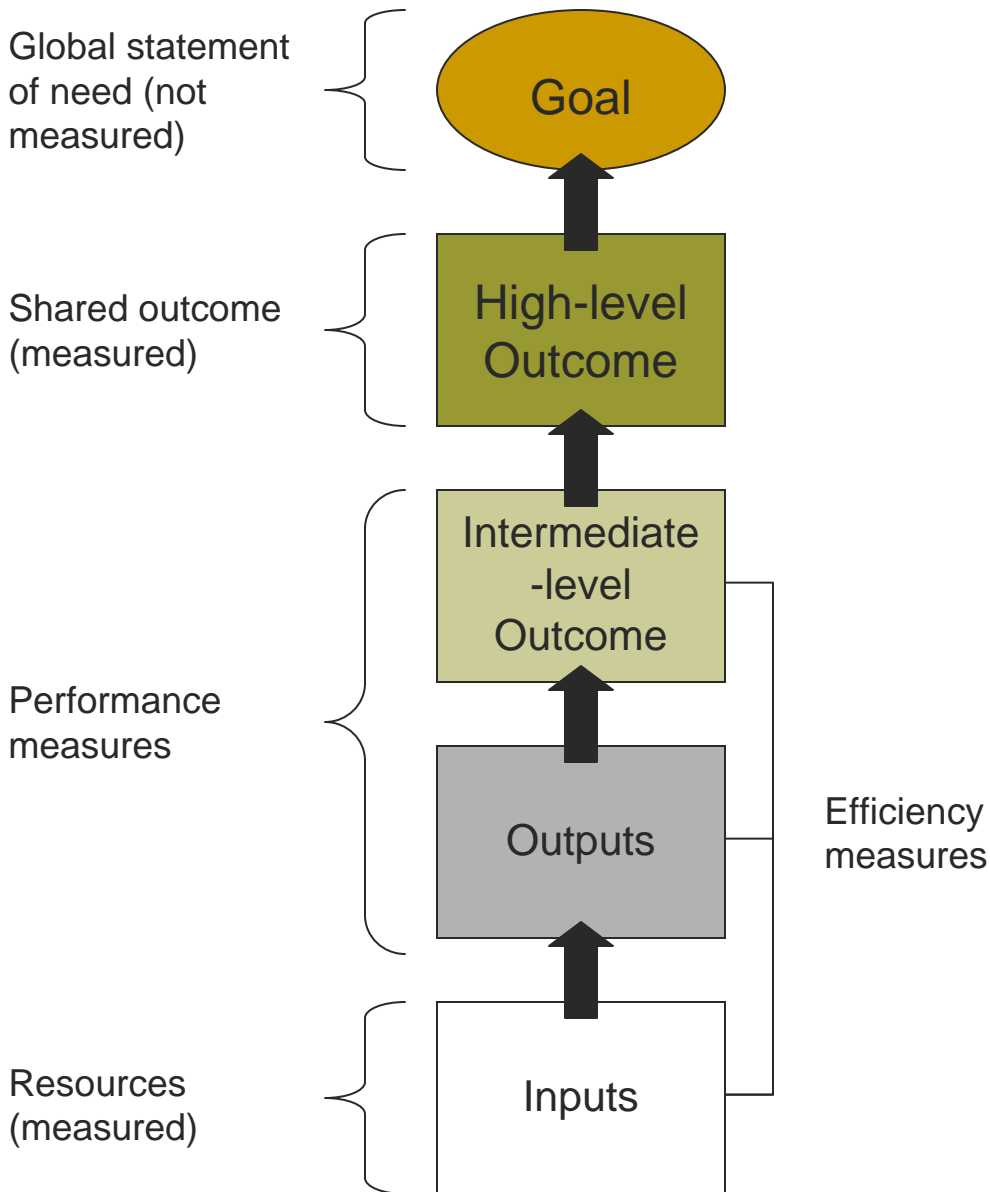
Caveats

- Outcomes require analysis
- Half the programs will be below average!

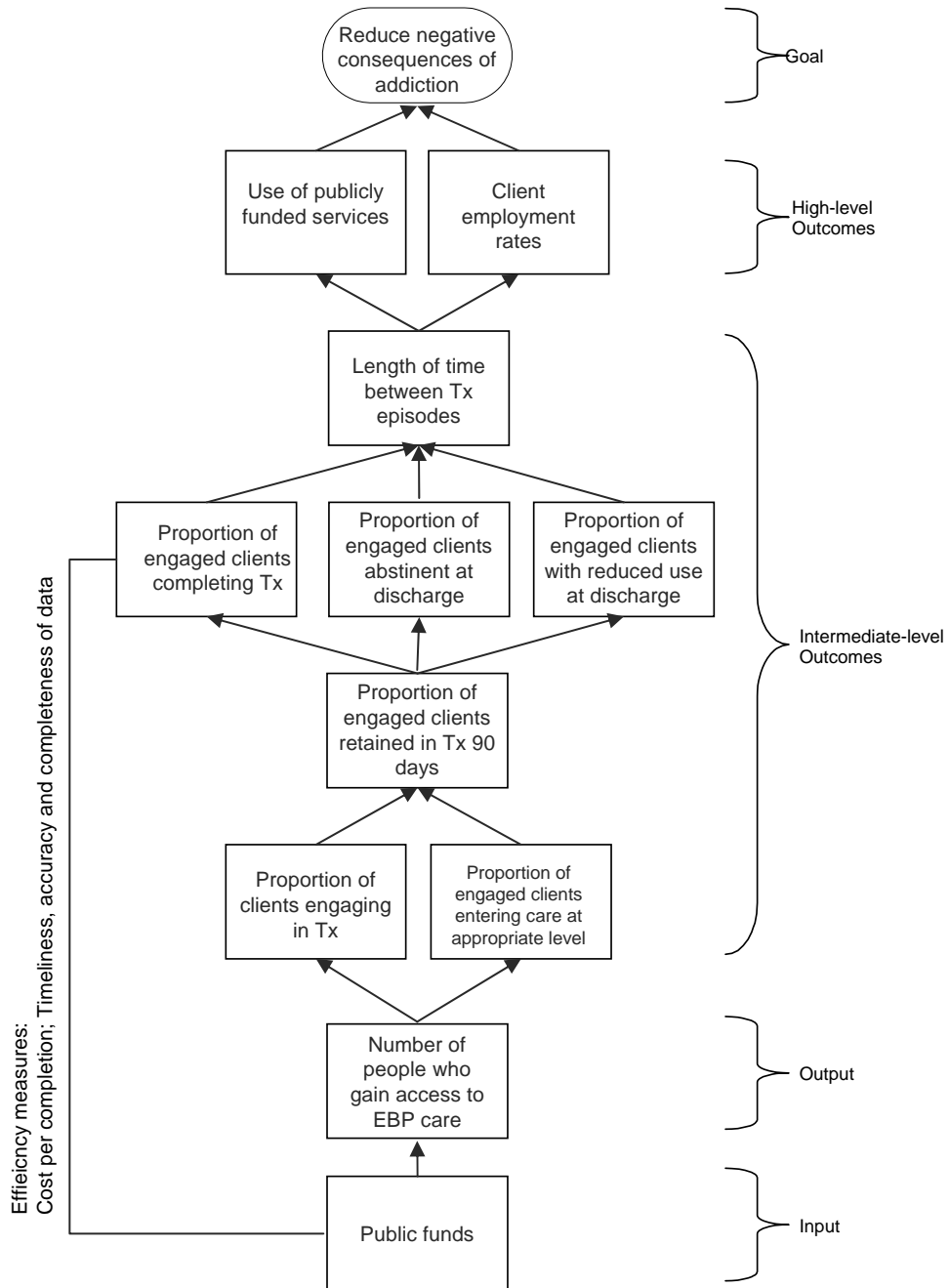
[The Data]

- Quarterly Reports created primarily using Treatment Episode Data Set (TEDS).
- Long-term goal to link to other State data systems for high-level outcomes.
 - Some underway now with Employment Department.

Logic Model Structure



The AOD Logic Model



Two Ways to Look at Measures

- **Point-in-Time:**
County system compared to average of all county systems.
- **Over-Time:**
County system at current point in time compared to its previous scores (trend data).

Action Triggers

	Point in Time	Over Time
Observe/ Analyze	Bottom/top five percent	Six decreases/ increases in a row
Take Action	Bottom one percent	Seven decreases in a row
Potential Mentor	Top one percent	Seven increases in a row

Output: Access to Care

- **Definition:**
Proportion of county residents needing treatment who actually receive treatment.
- **Why It's Important:**
Tells how effectively the system attracts people to enter treatment.
- **Measure:**
$$\frac{\text{Unduplicated annual count of treatment admissions}}{\text{Number of county residents with income } \leq 200\% \text{ of poverty estimated to need and seek treatment (20\%) in a one year period}}$$
- **Sources:**
TEDS, Census, Household Survey

*Measured by Household Survey and income level.

**Measured by Treatment Episode Data Set.

Intermediate Outcome: Engagement

- **Definition:**
Proportion of clients assessed to need treatment who begin treatment.
- **Why It's Important:**
Tells how effectively the system motivates clients to enter treatment
- **Measure:**
$$\frac{\text{Number of clients who receive at least one treatment service}}{\text{Number of clients assessed to need treatment}}$$
- **Sources:**
TEDS and State TEDS supplement

Intermediate Outcome: Appropriate Care

- **Definition:**
Proportion of engaged clients who enter care at assessed level of need.
- **Why It's Important:**
At a point in time, the measure tells whether the system tailors services to the client's needs. (Over time, this may also become a measure of the system's movement toward early intervention programs.)
- **Measure:**
$$\frac{\text{Number of clients who enter care at ASAM assessed level of need}}{\text{Number of clients entering care}}$$
- **Sources:**
TEDS and State TEDS supplement

Intermediate Outcome: Retention

- **Definition:**
Proportion of non-methadone clients actively engaged in treatment for 90 days or more.
- **Why It's Important:**
Clients who remain in treatment 90 days are more likely to have successful high-level outcomes.
- **Measure:**
Median number of days between date of first service and discharge.
- **Sources:**
TEDS and State TEDS supplement

Intermediate Outcome Completion

- **Definition:**
Proportion of clients who complete treatment plans.
- **Why It's Important:**
Treatment completion is highly correlated with positive long-term outcomes
- **Measure:**

Number of clients who by
clinicians' judgment complete
2/3's of their treatment plans

Number of engaged clients
discharged from treatment

- **Source:**
TEDS

Intermediate Outcome

Abstinence

- **Definition:**
Proportion of clients abstinent from alcohol and other drugs upon discharge from treatment.
- **Why It's Important:**
Abstinence is highly valued by stakeholders, and highly correlated with positive long-term outcomes.
- **Measure:**
$$\frac{\text{Number of clients who by clinicians' judgments are abstinent from alcohol/other drugs (exclusive of tobacco) upon discharge}}{\text{Number of engaged clients discharged from treatment}}$$
- **Source:**
TEDS

Intermediate Outcome

Reduced Use

- **Definition:**

Proportion of clients with reduced use of alcohol and/or other drugs upon discharge from treatment.

- **Why It's Important:**

Reduction in use of alcohol and/or other drugs is correlated with reduction in other harmful outcomes.

- **Measure:**

Number of clients with reduced maximum use of primary, secondary or tertiary drug (exclusive of tobacco) from admission to discharge

Number of engaged clients discharged from treatment

- **Source:**
TEDS

Intermediate Outcome: Time between Episodes

- **Definition:**
The median length of time between returning clients' treatment episodes. (Alternate measure considered: Proportion of returning clients who are abstinent.)
- **Why It's Important:**
Addiction is a chronic, relapsing disease. The system should acknowledge the nature of the disease and encourage clients to return to care when needed.
- **Measure:**
Median length of time between discharge from one episode of treatment and admission to a subsequent episode of treatment. Client is discharged from episode of treatment if s/he receives no outpatient services in a 30-day period or no residential services in a 3-day period.
- **Sources:**
TEDS

High-Level Outcome: Use of Public Service

- **Definition:**
Proportion of AOD treatment clients who are involved in other State systems prior and subsequent to treatment.
- **Measure:**
Percentage difference in total number of days clients are involved in other State systems prior to treatment versus subsequent to treatment.
- **Time Period:**
1½ to ½ years prior to treatment versus ½ to 1½ year subsequent to treatment.
- **Other State Systems:**
Criminal justice; self sufficiency; child welfare; mental health.

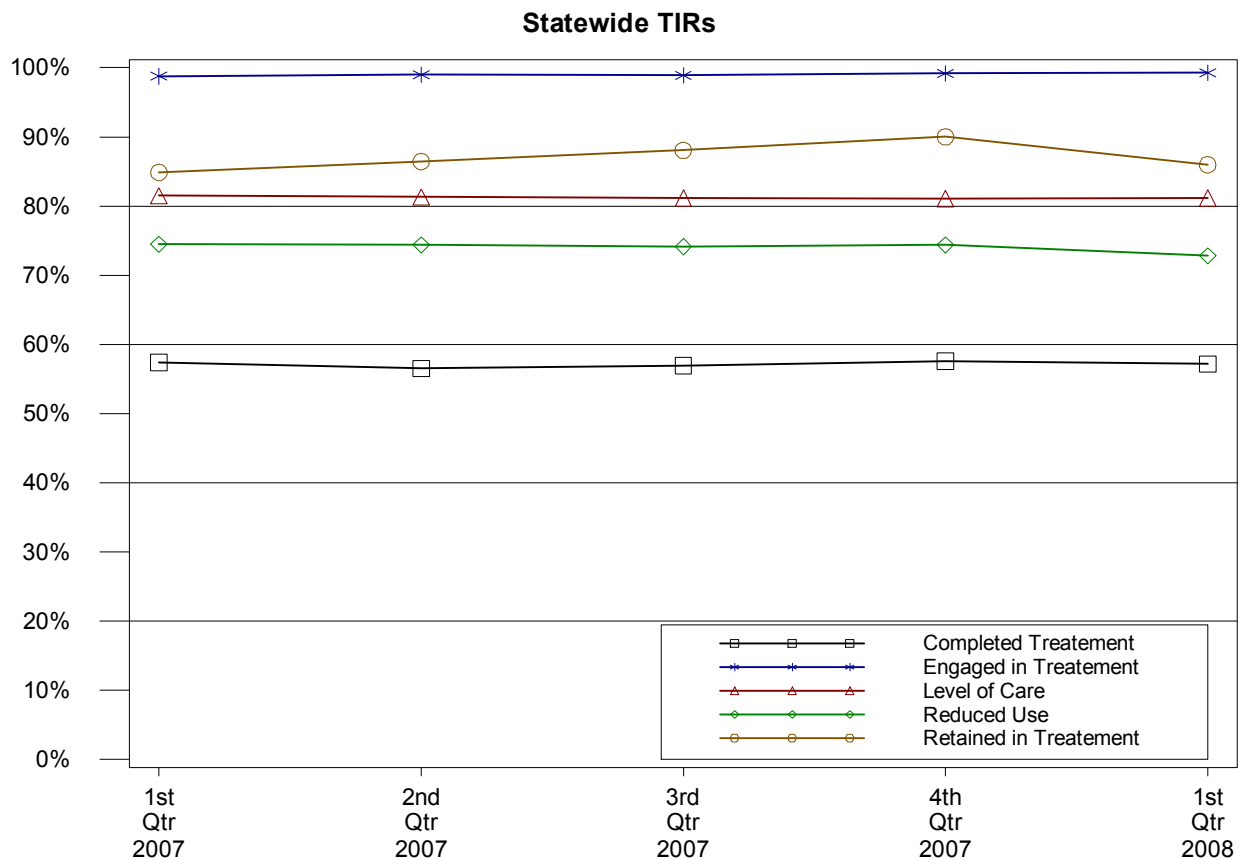
High-Level Outcome: Employment Rate

- **Definition:**
Proportion of AOD treatment clients who are employed prior and subsequent to treatment.
- **Measure:**
Percentage difference in total number of days AOD treatment clients are employed prior to treatment versus subsequent to treatment.
- **Time Period:**
 $1\frac{1}{2}$ to $\frac{1}{2}$ years prior to treatment versus
 $\frac{1}{2}$ to $1\frac{1}{2}$ year subsequent to treatment.

Sample Reports

Department of Human Services Addiction and Mental Health Division Non DUI Outpatient Treatment Improvement Report ¹

The Treatment Improvement Report (TIR) provides data on five key outpatient treatment performance measures for the state as a whole and each county. These measures are: engagement, retention, appropriate level of care, completion and reduced substance abuse. Each measure provides important feedback for state and county program administrators and for treatment providers. They also represent benefits for both the client and the state.



Key statewide findings from the latest quarter:

- The statewide engagement rate was 99.3%
- The statewide retention rate was 86.0%
- 81.2% of those served were treated at an appropriate level of care
- 57.2% of clients completed their episode of treatment
- At discharge, 72.8% of clients had reduced their substance use

**Department of Human Services
Addiction and Mental Health Division
Non DUII Outpatient Treatment Improvement Report ¹
Engaged In Treatment²**

County ⁴	1st Qtr 2007 ³		2nd Qtr 2007		3rd Qtr 2007		4th Qtr 2007		1st Qtr 2008	
	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes
State Total	17,640	98.8	18,119	99.0	17,952	98.9	18,491	99.2	19,510	99.3
Baker (01)	109	100.0	113	100.0	128	100.0	158	98.8	196	99.0
Benton (02)	399	99.5	413	99.5	406	98.1	413	99.0	431	99.8
Clackamas (03)	819	99.0	843	99.5	800	99.3	804	99.1	839	99.5
Clatsop (04)	340	100.0	328	100.0	308	100.0	304	100.0	306	100.0
Columbia (05)	184	98.9	205	98.6	201	97.1	223	99.1	233	99.1
Coos (06)	260	99.2	242	98.8	248	97.3	265	98.5	326	99.1
Crook (07)	66	98.5	67	98.5	67	100.0	73	100.0	86	100.0
Curry (08)	73	97.3	76	98.7	70	100.0	69	98.6	78	100.0
Deschutes (09)	555	99.5	579	99.5	597	99.5	661	99.7	707	100.0
Douglas (10)	417	99.8	413	99.3	381	99.2	404	99.5	491	99.6
Grant (12)	55	100.0	53	100.0	49	100.0	47	100.0	56	100.0
Harney (13)	54	100.0	50	100.0	44	97.8	52	100.0	51	100.0
Jackson (15)	1,256	99.0	1,234	99.0	1,216	99.3	1,268	99.7	1,364	99.5
Jefferson (16)	170	99.4	167	99.4	148	98.7	162	100.0	184	98.9
Josephine (17)	428	97.1	397	97.3	385	97.2	425	97.9	473	97.9
Klamath (18)	352	98.3	344	98.0	317	97.8	360	99.2	415	99.0
Lake (19)	40	100.0	39	100.0	28	96.6	22	95.7	33	100.0
Lane (20)	1,654	99.3	1,697	99.4	1,702	99.2	1,733	99.7	1,795	99.4
Lincoln (21)	393	98.5	390	99.0	408	99.5	433	98.9	458	99.1
Linn (22)	473	98.7	519	97.9	519	97.6	567	97.9	618	99.2
Malheur (23)	326	99.7	301	99.7	298	99.0	326	99.7	327	99.7
Marion (24)	1,482	98.9	1,593	99.3	1,761	99.4	1,816	99.8	1,859	99.9
Mid-Columbia (37)	194	99.5	211	99.5	183	99.5	177	100.0	183	99.5
Morrow/Wheeler (25)	29	100.0	28	100.0	25	100.0	27	100.0	29	100.0
Multnomah (26)	4,153	98.5	4,367	98.8	4,342	98.7	4,389	98.8	4,412	98.7
Polk (27)	187	98.4	184	98.4	173	99.4	173	98.9	185	99.5
Tillamook (29)	140	99.3	131	99.2	119	96.0	132	97.8	166	100.0
Umatilla (30)	882	99.2	874	99.5	832	99.0	795	99.7	833	99.6
Union (31)	156	98.7	145	100.0	112	99.1	127	99.2	110	100.0
Wallowa (32)	19	100.0	24	100.0	12	100.0	9	100.0	10	100.0
Warm Springs (39)	173	93.0	182	92.9	190	96.9	173	97.2	224	98.2
Washington (34,75)	1,481	99.0	1,564	99.7	1,527	99.4	1,541	99.9	1,654	99.8
Yamhill (36)	321	95.8	346	96.4	356	98.9	363	96.5	378	97.9

**Department of Human Services
Addiction and Mental Health Division
Non DUII Outpatient Treatment Improvement Report ¹
Retained In Treatment⁶**

County ⁴	1st Qtr 2007 ³		2nd Qtr 2007		3rd Qtr 2007		4th Qtr 2007		1st Qtr 2008	
	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes
State Total	15,157	84.9	15,823	86.5	15,984	88.1	16,779	90.0	16,895	86.0
Baker (01)	102	93.6	103	91.2	119	93.0	149	93.1	172	86.9
Benton (02)	359	89.5	374	90.1	362	87.4	374	89.7	364	84.3
Clackamas (03)	728	88.0	765	90.3	729	90.4	731	90.1	742	88.0
Clatsop (04)	329	96.8	327	99.7	308	100.0	304	100.0	306	100.0
Columbia (05)	145	78.0	166	79.8	173	83.6	200	88.9	190	80.9
Coos (06)	196	74.8	185	75.5	196	76.9	217	80.7	236	71.7
Crook (07)	56	83.6	60	88.2	65	97.0	71	97.3	80	93.0
Curry (08)	51	68.0	47	61.0	44	62.9	46	65.7	51	65.4
Deschutes (09)	489	87.6	517	88.8	548	91.3	619	93.4	634	89.7
Douglas (10)	334	79.9	335	80.5	329	85.7	368	90.6	413	83.8
Grant (12)	47	85.5	45	84.9	44	89.8	45	95.7	46	82.1
Harney (13)	47	87.0	44	88.0	42	93.3	43	82.7	40	78.4
Jackson (15)	1,036	81.6	1,033	82.9	1,039	84.9	1,097	86.2	1,119	81.6
Jefferson (16)	151	88.3	147	87.5	135	90.0	150	92.6	161	86.6
Josephine (17)	336	76.2	310	76.0	305	77.0	346	79.7	361	74.7
Klamath (18)	249	69.6	249	70.9	257	79.3	290	79.9	282	67.3
Lake (19)	30	75.0	26	66.7	16	55.2	18	78.3	18	54.5
Lane (20)	1,392	83.6	1,412	82.7	1,453	84.7	1,511	86.9	1,519	84.1
Lincoln (21)	341	85.5	348	88.3	360	87.8	389	88.8	403	87.2
Linn (22)	433	90.4	485	91.5	506	95.1	547	94.5	549	88.1
Malheur (23)	303	92.7	290	96.0	286	95.0	310	94.8	305	93.0
Marion (24)	1,275	85.1	1,448	90.2	1,582	89.3	1,653	90.8	1,639	88.1
Mid-Columbia (37)	151	77.4	156	73.6	151	82.1	161	91.0	162	88.0
Morrow/Wheeler (25)	28	96.6	27	96.4	24	96.0	27	100.0	28	96.6
Multnomah (26)	3,631	86.1	3,876	87.7	3,881	88.2	4,047	91.1	3,954	88.5
Polk (27)	154	81.1	154	82.4	159	91.4	161	92.0	154	82.8
Tillamook (29)	104	73.8	101	76.5	100	80.6	106	78.5	115	69.3
Umatilla (30)	755	84.9	737	83.9	712	84.8	711	89.2	710	84.9
Union (31)	127	80.4	122	84.1	105	92.9	123	96.1	109	99.1
Wallowa (32)	16	84.2	17	70.8	11	91.7	8	88.9	8	80.0
Warm Springs (39)	151	81.2	164	83.7	173	88.3	158	88.8	170	74.6
Washington (34,75)	1,327	88.7	1,445	92.2	1,447	94.2	1,478	95.8	1,534	92.5
Yamhill (36)	284	84.8	308	85.8	323	89.7	321	85.4	321	83.2

**Department of Human Services
Addiction and Mental Health Division
Non DUII Outpatient Treatment Improvement Report ¹
Received Assessed Level of Care⁷**

County ⁴	1st Qtr 2007 ³		2nd Qtr 2007		3rd Qtr 2007		4th Qtr 2007		1st Qtr 2008	
	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes
State Total	14,552	81.5	14,880	81.3	14,732	81.2	15,117	81.1	15,953	81.2
Baker (01)	71	65.1	75	66.4	84	65.6	114	71.3	150	75.8
Benton (02)	316	78.8	324	78.1	325	78.5	332	79.6	340	78.7
Clackamas (03)	595	71.9	611	72.1	580	72.0	601	74.1	621	73.7
Clatsop (04)	283	83.2	272	82.9	251	81.5	247	81.3	249	81.4
Columbia (05)	146	78.5	166	79.8	153	73.9	171	76.0	180	76.6
Coos (06)	224	85.5	210	85.7	216	84.7	219	81.4	271	82.4
Crook (07)	55	82.1	58	85.3	56	83.6	63	86.3	75	87.2
Curry (08)	59	78.7	61	79.2	61	87.1	60	85.7	68	87.2
Deschutes (09)	435	78.0	447	76.8	480	80.0	541	81.6	574	81.2
Douglas (10)	245	58.6	240	57.7	209	54.4	214	52.7	252	51.1
Grant (12)	51	92.7	51	96.2	46	93.9	45	95.7	52	92.9
Harney (13)	42	77.8	40	80.0	38	84.4	39	75.0	38	74.5
Jackson (15)	1,023	80.6	1,016	81.5	1,007	82.3	1,051	82.6	1,138	83.0
Jefferson (16)	117	68.4	116	69.0	98	65.3	104	64.2	128	68.8
Josephine (17)	391	88.7	350	85.8	342	86.4	376	86.6	422	87.4
Klamath (18)	256	71.5	271	77.2	282	87.0	318	87.6	368	87.8
Lake (19)	26	65.0	28	71.8	28	96.6	22	95.7	33	100.0
Lane (20)	1,316	79.0	1,355	79.4	1,338	78.0	1,350	77.7	1,424	78.8
Lincoln (21)	339	85.0	338	85.8	348	84.9	376	85.8	405	87.7
Linn (22)	369	77.0	397	74.9	407	76.5	456	78.8	483	77.5
Malheur (23)	286	87.5	261	86.4	255	84.7	286	87.5	288	87.8
Marion (24)	1,234	82.3	1,285	80.1	1,433	80.9	1,490	81.9	1,531	82.3
Mid-Columbia (37)	172	88.2	187	88.2	158	85.9	149	84.2	156	84.8
Morrow/Wheeler (25)	23	79.3	22	78.6	19	76.0	21	77.8	23	79.3
Multnomah (26)	3,519	83.4	3,659	82.8	3,592	81.6	3,561	80.2	3,567	79.8
Polk (27)	171	90.0	171	91.4	162	93.1	164	93.7	175	94.1
Tillamook (29)	105	74.5	103	78.0	98	79.0	113	83.7	137	82.5
Umatilla (30)	750	84.4	746	85.0	720	85.7	677	84.9	715	85.5
Union (31)	154	97.5	141	97.2	110	97.3	122	95.3	103	93.6
Wallowa (32)	12	63.2	17	70.8	11	91.7	7	77.8	6	60.0
Warm Springs (39)	186	100.0	196	100.0	195	99.5	177	99.4	228	100.0
Washington (34,75)	1,266	84.6	1,322	84.3	1,285	83.7	1,290	83.6	1,384	83.5
Yamhill (36)	315	94.0	344	95.8	345	95.8	361	96.0	369	95.6

**Department of Human Services
Addiction and Mental Health Division
Non DUII Outpatient Treatment Improvement Report ¹
Completed Treatment⁸**

County ⁴	1st Qtr 2007 ³		2nd Qtr 2007		3rd Qtr 2007		4th Qtr 2007		1st Qtr 2008	
	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes
State Total	4,946	57.4	4,418	56.5	3,779	57.0	3,087	57.6	2,087	57.2
Baker (01)	17	73.9	12	60.0	22	75.9	32	72.7	29	67.4
Benton (02)	133	69.6	133	68.9	111	66.9	93	65.0	70	68.0
Clackamas (03)	177	51.0	167	51.9	130	52.0	96	48.5	53	38.4
Clatsop (04)	27	47.4	8	29.6	3	42.9	3	100.0	3	100.0
Columbia (05)	67	51.1	65	50.8	62	58.5	61	62.9	45	72.6
Coos (06)	100	51.5	84	52.2	81	59.1	55	52.9	47	50.0
Crook (07)	23	67.6	23	74.2	15	71.4	15	78.9	16	80.0
Curry (08)	40	66.7	44	71.0	38	74.5	29	60.4	22	59.5
Deschutes (09)	87	54.4	86	55.5	82	59.9	79	64.2	54	60.0
Douglas (10)	189	61.4	145	59.2	102	62.6	78	60.9	48	60.0
Grant (12)	20	47.6	17	43.6	15	45.5	13	59.1	12	63.2
Harney (13)	27	77.1	20	71.4	18	78.3	16	72.7	7	77.8
Jackson (15)	416	54.8	390	56.3	359	61.0	278	57.6	182	55.8
Jefferson (16)	38	46.9	36	49.3	17	39.5	16	51.6	8	38.1
Josephine (17)	194	54.2	172	55.7	136	53.8	116	55.8	82	54.3
Klamath (18)	193	68.7	168	65.4	138	66.0	145	68.4	125	65.4
Lake (19)	23	69.7	16	50.0	17	85.0	10	83.3	13	76.5
Lane (20)	568	68.8	533	66.5	478	65.6	417	68.1	304	67.1
Lincoln (21)	95	48.0	99	57.9	86	58.5	81	63.8	54	69.2
Linn (22)	155	63.8	148	62.2	131	62.7	107	61.1	72	61.0
Malheur (23)	69	56.1	58	62.4	47	62.7	40	65.6	25	75.8
Marion (24)	417	61.1	382	65.2	425	66.5	363	69.5	192	67.6
Mid-Columbia (37)	95	71.4	84	63.6	48	63.2	32	72.7	16	59.3
Morrow/Wheeler (25)	4	50.0	2	28.6	0	0.0	1	50.0	1	50.0
Multnomah (26)	896	50.4	755	46.3	619	43.4	455	41.7	300	43.5
Polk (27)	56	46.3	64	56.6	62	65.3	48	62.3	35	61.4
Tillamook (29)	70	70.0	56	65.9	37	57.8	36	62.1	32	61.5
Umatilla (30)	262	60.9	223	56.9	172	55.3	125	55.1	88	51.2
Union (31)	64	61.5	51	60.0	27	67.5	14	56.0	3	75.0
Wallowa (32)	7	50.0	9	47.4	8	80.0	5	83.3	3	75.0
Warm Springs (39)	32	24.6	29	23.4	27	25.5	22	31.0	21	35.6
Washington (34,75)	255	59.4	217	60.1	154	55.2	113	57.1	65	59.6
Yamhill (36)	130	63.1	122	60.1	112	59.3	93	56.0	60	57.7

**Department of Human Services
Addiction and Mental Health Division
Non DUII Outpatient Treatment Improvement Report ¹
Reduced Use⁹**

County ⁴	1st Qtr 2007 ³		2nd Qtr 2007		3rd Qtr 2007		4th Qtr 2007		1st Qtr 2008	
	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes	Episodes ⁵	Percent of Total Episodes
State Total	7,464	74.5	6,745	74.4	5,680	74.1	4,609	74.4	3,125	72.8
Baker (01)	21	91.3	20	90.9	27	93.1	40	85.1	35	74.5
Benton (02)	179	83.3	184	86.0	153	80.5	135	82.8	103	82.4
Clackamas (03)	319	76.3	305	77.6	237	78.2	170	73.3	117	70.9
Clatsop (04)	50	79.4	23	82.1	5	71.4	3	100.0	3	100.0
Columbia (05)	102	66.7	96	60.8	81	62.8	77	68.8	53	74.6
Coos (06)	175	74.5	137	71.4	128	77.1	100	73.5	88	73.3
Crook (07)	39	90.7	33	89.2	21	91.3	20	90.9	21	91.3
Curry (08)	59	85.5	61	87.1	51	86.4	40	75.5	29	74.4
Deschutes (09)	125	67.6	117	68.8	109	72.2	103	75.2	79	71.8
Douglas (10)	258	75.4	211	74.3	145	74.4	110	74.3	60	68.2
Grant (12)	35	76.1	38	88.4	27	77.1	21	87.5	16	80.0
Harney (13)	36	85.7	30	85.7	24	85.7	23	88.5	12	92.3
Jackson (15)	634	73.9	584	75.7	508	77.7	418	77.0	277	74.9
Jefferson (16)	50	58.1	48	63.2	24	53.3	25	73.5	13	61.9
Josephine (17)	319	77.8	289	80.1	233	75.6	186	69.9	139	70.9
Klamath (18)	256	81.3	238	81.5	208	84.9	201	81.4	187	83.1
Lake (19)	29	87.9	28	87.5	17	85.0	10	76.9	13	76.5
Lane (20)	846	85.0	826	85.4	758	85.7	648	86.1	470	84.7
Lincoln (21)	153	63.0	141	68.8	129	72.9	106	69.7	66	68.0
Linn (22)	234	72.2	219	66.2	180	64.3	152	68.5	102	68.5
Malheur (23)	93	69.4	75	75.8	66	81.5	55	82.1	30	88.2
Marion (24)	577	75.0	482	73.1	535	76.5	450	79.9	243	78.1
Mid-Columbia (37)	128	83.1	116	77.9	69	77.5	41	85.4	25	89.3
Morrow/Wheeler (25)	8	72.7	5	62.5	2	66.7	2	66.7	2	66.7
Multnomah (26)	1,466	69.4	1,322	69.1	1,106	67.3	844	67.4	510	63.2
Polk (27)	107	75.4	98	76.0	89	82.4	69	80.2	54	79.4
Tillamook (29)	97	83.6	82	82.0	59	76.6	56	76.7	46	71.9
Umatilla (30)	326	68.9	276	64.9	211	61.7	153	61.4	114	59.1
Union (31)	105	89.0	79	86.8	36	81.8	18	69.2	4	100.0
Wallowa (32)	13	72.2	16	69.6	10	90.9	6	75.0	5	71.4
Warm Springs (39)	71	48.6	64	45.7	51	42.9	35	42.7	32	45.7
Washington (34,75)	363	74.1	313	76.7	223	73.6	160	75.1	94	74.0
Yamhill (36)	191	79.9	189	77.1	158	73.5	132	68.4	83	68.0

Endnotes

¹ Patients receiving alcohol and drug outpatient services (service elements 64 & 65) are included in this report. Clients receiving DUII services are excluded from all tables. Additionally, clients admitted and discharged on the same day were excluded from all tables.

² Clients are considered engaged in treatment if they kept their initial appointment within 14 days of enrollment and received 7 or more days of treatment.

³ Quarters are based on the calendar year. The first quarter of the year runs from January through March, the second from April through June, and so on.

⁴ This is the county of the provider and is not the residential county of the client.

⁵ An episode is an outpatient stay at a particular facility and is bounded by the CPMS admission and discharge dates. This is a count of episodes that met the requirements for this measure in every quarter that treatment was provided, therefore a single episode may be counted in multiple quarters. Because clients can have multiple episodes within a quarter, clients may be counted multiple times within a quarter, therefore this count is not an unduplicated count of clients.

⁶ Clients are considered retained if they received 90 or more days of treatment.

⁷ Clients have received appropriate treatment if the level of care at admission matches the assessed level of care.

⁸ Clients discharged with reason code 03 (treatment is complete) have completed treatment. Clients that died during treatment, moved out of the catchment area or whose further treatment was deemed inappropriate were excluded from this table.

⁹ Clients showing a decline in substance abuse from admission to discharge have reduced usage. Nicotine use was excluded from this measure.