

APPENDIX E - Partial Profiles of the Dual Eligible Populations in King County and Snohomish Counties, 2010 (KING COUNTY)

This Appendix contains State-prepared summary profiles of the dual eligible populations in King County and Snohomish Counties. These profiles only contain a historical point-in-time subset of information about the make-up of the populations and service utilization costs and are not to be relied upon as the complete set of information available to the applicant through the public domain or as the only source of information needed in preparing a response to this RFA. The following caveats apply to the information in this Appendix:

- 1 These are preliminary internal agency estimates based on historical data. Future external actuarial work will determine actual offered rates.
- 2 Medicare Part D costs are imputed by at Medicaid payment amounts. Actual Part D expenditures will be different.
- 3 Estimates do not include RSN-related mental health services or non-waiver DD personal care services that will be part of the integrated benefit package.

Profile of persons with at least 1 month of Medicaid/Medicare enrollment in FY 2010

King County

TABLE 1. Demographics and AOD Treatment Need

	Elder		Disabled	
	Count	Percent	Count	Percent
Age (as of June 2010)				
age<24	0	0.0%	324	2.4%
age 25 - 34	0	0.0%	1,755	13.2%
age 35 - 44	0	0.0%	2,645	19.9%
age 45 - 54	0	0.0%	4,353	32.8%
age 55 - 64	0	0.0%	3,904	29.4%
age 65 - 74	9,772	42.3%	298	2.2%
age 75 - 84	8,070	35.0%	0	0.0%
age 85 & older	5,227	22.6%	0	0.0%
Unknown	19	0.1%	0	0.0%
Gender				
Female	15,141	65.6%	6,399	48.2%
Male	7,947	34.4%	6,880	51.8%
Unknown	0	0.0%	0	0.0%
Race/Ethnicity				
African American	1,631	7.1%	1,996	15.0%
American Indian/AK Native	129	0.6%	100	0.8%
Asian/NHOPI	7,958	34.5%	761	5.7%
Hispanic	1,061	4.6%	634	4.8%
Multi-race	907	3.9%	1,446	10.9%
Other	527	2.3%	87	0.7%
White	10,324	44.7%	8,154	61.4%
Unknown	551	2.4%	101	0.8%
AOD Tx need				
FY 2009-2010 pooled risk indicator	545	2.4%	3,166	23.8%
Total Client Population	23,088		13,279	

*A client may be in the disabled category before having eligibility in the elder category.

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King County

TABLE 2. Diagnoses

		Elder		Disabled	
		Score		Score	
DxRx Risk Adjustment Score		1.43		1.68	
		Count	Percent	Count	Percent
BY CDPS DISEASE GROUP		SAMPLE DIAGNOSES		Count	Percent
Cancer, very high	Pancreatic cancer, secondary malignant neoplasms	439	1.9%	144	1.1%
Cancer, high	Lung cancer, ovarian cancer	555	2.4%	228	1.7%
Cancer, medium	Mouth, breast or brain cancer, malignant melanoma	247	1.1%	101	0.8%
Cancer, low	Colon, cervical, or prostate cancer, carcinomas in situ	1,020	4.4%	261	2.0%
Cardiovascular, very high	Heart transplant status/complications	212	0.9%	312	2.3%
Cardiovascular, medium	Congestive heart failure, cardiomyopathy	3,958	17.1%	896	6.7%
Cardiovascular, low	Endocardial disease, myocardial infarction, angina	5,621	24.3%	1,699	12.8%
Cardiovascular, extra low	Hypertension	7,479	32.4%	2,981	22.4%
Cerebrovascular, low	Intracerebral hemorrhage, precerebral occlusion	2,116	9.2%	624	4.7%
CNS, high	Quadriplegia, amyotrophic lateral sclerosis	160	0.7%	374	2.8%
CNS, medium	Paraplegia, muscular dystrophy, multiple sclerosis	382	1.7%	755	5.7%
CNS, low	Epilepsy, Parkinson's disease, cerebral palsy, migrane	4,443	19.2%	2,450	18.5%
DD, medium	Severe or profound mental retardation	23	0.1%	162	1.2%
DD, low	Mild or moderate mental retardation, Down's syndrome	62	0.3%	497	3.7%
Diabetes, type 1 high	Type 1 diabetes with renal manifestations/coma	55	0.2%	108	0.8%
Diabetes, type 1 medium	Type 1 diabetes without complications	506	2.2%	372	2.8%
Diabetes, type 2 medium	Type 2 or unspecified diabetes with complications	1,680	7.3%	596	4.5%
Diabetes, type 2 low	Type 2 or unspecified diabetes w/out complications	5,663	24.5%	1,887	14.2%
Eye, low	Retinal detachment, choroidal disorders	474	2.1%	185	1.4%
Eye, very low	Cataract, glaucoma, congenital eye anomaly	6,057	26.2%	1,192	9.0%
Genital, extra low	Uterine and pelvic inflammatory disease, endometriosis	2,106	9.1%	664	5.0%
Gastro, high	Peritonitis, hepatic coma, liver transplant	374	1.6%	323	2.4%
Gastro, medium	Regional enteritis and ulcerative colitis, enterostomy	957	4.1%	822	6.2%
Gastro, low	Ulcer, hernia, GI hemorrhage, intestinal infectious disease	4,978	21.6%	2,296	17.3%
Hematological, extra high	Hemophilia	6	0.0%	16	0.1%
Hematological, very high	Hemoglobin-S sickle-cell disease	0	0.0%	9	0.1%
Hematological, medium	Other hereditary hemolytic anemias, aplastic anemia	384	1.7%	311	2.3%
Hematological, low	Other white blood cell disorders, other coagulation defects	900	3.9%	461	3.5%
AIDS, high	AIDS, pneumocystis pneumonia, cryptococcosis	56	0.2%	500	3.8%
Infectious, high	Staphylococcal or pseudomonas septicemia	14	0.1%	26	0.2%
HIV, medium	Asymptomatic HIV infection	97	0.4%	72	0.5%
Infectious, medium	Other septicemia, pulmonary or disseminated candida	985	4.3%	536	4.0%
Infectious, low	Poliomyelitis, oral candida, herpes zoster	995	4.3%	961	7.2%
Metabolic, high	Panhypopituitarism, pituitary dwarfism	562	2.4%	589	4.4%

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		Count	Percent	Count	Percent
BY CDPS DISEASE GROUP	SAMPLE DIAGNOSES				
Metabolic, medium	Kwashiorkor, merasmus, and other malnutrition, parathyroid	2,464	10.7%	1,162	8.8%
Metabolic, very low	Other pituitary disorders, gout	1,242	5.4%	324	2.4%
Psychiatric, high	Schizophrenia	1,455	6.3%	2,842	21.4%
Psychiatric, medium	Bipolar affective disorder	479	2.1%	1,085	8.2%
Psychiatric, medium low	Recurrent major depressive disorder	2,225	9.6%	2,723	20.5%
Psychiatric, low	Other depression, panic disorder, phobic disorder	3,478	15.1%	1,096	8.3%
Pulmonary, very high	Cystic fibrosis, lung transplant, tracheostomy status	295	1.3%	179	1.3%
Pulmonary, high	Respiratory arrest or failure, primary pulmonary hypertension	232	1.0%	67	0.5%
Pulmonary, medium	Other bacterial pneumonias, chronic obstructive asthma	2,858	12.4%	1,195	9.0%
Pulmonary, low	Viral pneumonias, chronic bronchitis, asthma, COPD	3,579	15.5%	2,161	16.3%
Renal, extra high	Infection due to peritoneal dialysis catheter	273	1.2%	421	3.2%
Renal, very high	Chronic renal failure, kidney transplant status/complications	2,665	11.5%	667	5.0%
Renal, medium	Acute renal failure, chronic nephritis, urinary incontinence	159	0.7%	142	1.1%
Renal, low	Kidney infection, kidney stones, hematuria, urethral stricture	4,523	19.6%	1,947	14.7%
Skeletal, medium	Chronic osteomyelitis, aseptic necrosis of bone	1,973	8.5%	1,289	9.7%
Skeletal, low	Rheumatoid arthritis, osteomyelitis, systemic lupus	4,862	21.1%	1,803	13.6%
Skeletal, very low	Osteoporosis, musculoskeletal anomalies	1,204	5.2%	928	7.0%
Skin, high	Decubitus ulcer	880	3.8%	365	2.7%
Skin, low	Other chronic ulcer of skin	740	3.2%	391	2.9%
Skin, very low	Cellulitis, burn, lupus erythematosus	1,789	7.7%	1,756	13.2%
Substance abuse, low	Drug abuse, dependence, or psychosis	279	1.2%	1,482	11.2%
Substance abuse, very low	Alcohol abuse, dependence, or psychosis	335	1.5%	954	7.2%
TOTAL		23,088		13,279	

HOW TO INTERPRET THIS TABLE: Chronic disease conditions were identified by applying the Chronic Illness and Disability Payments System (CDPS) to clients' fee-for-service medical claims in FY 2005. Counts are hierarchically unduplicated within the disease group. For example, a client with diagnoses of schizophrenia and depression will be counted only once in the "Psychiatric, high" category. Thus, percentages can be added within a disease category (e.g., Psychiatric) to produce the unduplicated percentage of clients in that disease category. Clients with diagnoses in multiple categories (e.g., Cardiovascular and Psychiatric) will be counted once in each broad category represented in their medical claims diagnoses. For more information about the CDPS, see Kronick R, Gilmer T, Dreyfus T, et al. Improving health-based payment for Medicaid beneficiaries: CDPS. Health Care Fin Rev 2000; 21:29-64.

Profile of persons with at least 1 month of Medicaid/Medicare enrollment in FY 2010

King County

Table 3. Prescriptions

BY MEDICAID-Rx PHARMACY GROUP	SUMMARY DRUG DESCRIPTIONS	Elder		Disabled	
		Count	Percent	Count	Percent
Alcoholism	Disulfiram	9	0.0%	40	0.3%
Alzheimers	Tacrine	2,088	9.0%	85	0.6%
Anti-coagulants	Heparins	2,063	8.9%	616	4.6%
Asthma/COPD	Inhaled glucocorticoids, bronchodilators	4,775	20.7%	2,993	22.5%
Attention Deficit	Methylphenidate, CNS stimulants	78	0.3%	392	3.0%
Burns	Silver Sulfadiazine	330	1.4%	127	1.0%
Cardiac	Ace inhibitors, beta blockers, nitrates, digitalis, vasodilators	17,025	73.7%	5,768	43.4%
Cystic Fibrosis	Pancrelipase	288	1.2%	87	0.7%
Depression / Anxiety	Antidepressants, antianxiety	9,135	39.6%	7,240	54.5%
Diabetes	Insulin, sulfonylureas	5,884	25.5%	2,169	16.3%
EENT	Anti-infectives for EENT related conditions	6,354	27.5%	2,631	19.8%
ESRD / Renal	Erythropoietin, Calcitriol	714	3.1%	517	3.9%
Folate Deficiency	Folic acid	642	2.8%	365	2.7%
Gallstones	Ursodiol	15	0.1%	32	0.2%
Gastric Acid Disorder	Cimetidine	9,724	42.1%	4,386	33.0%
Glaucoma	Carbonic anhydrase inhibitors	1,760	7.6%	248	1.9%
Gout	Colchicine, Allopurinol	1,296	5.6%	265	2.0%
Growth Hormone	Growth hormones	4	0.0%	4	0.0%
Hemophilia/von Willebrands	Factor IX concentrates	0	0.0%	5	0.0%
Hepatitis	Interferon beta	44	0.2%	39	0.3%
Herpes	Acyclovir	482	2.1%	605	4.6%
HIV	Antiretrovirals	59	0.3%	460	3.5%
Hyperlipidemia	Antihyperlipidemics	11,258	48.8%	3,458	26.0%
Infections, high	Aminoglycosides	201	0.9%	149	1.1%
Infections, medium	Vancomycin, Fluoroquinolones	6,596	28.6%	3,391	25.5%
Infections, low	Cephalosporins, Erythromycins	7,879	34.1%	4,890	36.8%
Inflammatory /Autoimmune	Glucocorticosteroids	2,897	12.5%	1,639	12.3%
Insomnia	Sedatives, Hypnotics	1,927	8.3%	1,622	12.2%
Iron Deficiency	Iron	1,428	6.2%	637	4.8%
Irrigating solution	Sodium chloride	73	0.3%	49	0.4%
Liver Disease	Lactulose	238	1.0%	140	1.1%
Malignancies	Antineoplastics	825	3.6%	249	1.9%
Multiple Sclerosis / Paralysis	Baclofen	1,585	6.9%	2,435	18.3%
Nausea	Antiemetics	2,866	12.4%	1,528	11.5%
Neurogenic bladder	Oxybutin	1,600	6.9%	673	5.1%
Osteoporosis / Pagets	Etidronate/calcium regulators	4,216	18.3%	569	4.3%
Pain	Narcotics	8,495	36.8%	5,802	43.7%
Parkinsons / Tremor	Benzotropine, Trihexyphenidyl	1,134	4.9%	1,124	8.5%
PCP Pneumonia	Pentamidine, Atovaquone	271	1.2%	296	2.2%
Psychotic Illness / Bipolar	Antipsychotics, lithium	2,634	11.4%	4,213	31.7%
Replacement solution	Potassium chloride	351	1.5%	152	1.1%
Siezure disorders	Anticonvulsants	3,440	14.9%	4,281	32.2%
Thyroid Disorder	Thyroid hormones	3,211	13.9%	1,476	11.1%
Transplant	Immunosuppressive agents	80	0.3%	133	1.0%
Tuberculosis	Rifampin	106	0.5%	62	0.5%
TOTAL		23,088		13,279	

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	SUMMARY DRUG DESCRIPTIONS	Elder		Disabled	
		Count	Percent	Count	Percent
BY MEDICAID-Rx PHARMACY GROUP					

HOW TO INTERPRET THIS TABLE: Pharmacy groups were identified by applying the Medicaid-Rx system to clients' fee-for-service medical claims in FY 2005. Clients with prescriptions in multiple categories (e.g., Pain and Depression/Anxiety) will be counted in both categories. For more information about the Medicaid-Rx system, see Gilmer T, Kronick R, Fishman P, et al. The Medicaid Rx Model: Pharmacy-based risk adjustment for public programs. Med Care 2001; 39:1188-1202.

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King County

TABLE 4. Medicare and Medicaid Expenditures and PMPM

	Elder		Disabled	
Total Clients	23,088		13,279	
Member Months	233,416		126,071	
	Medicare	Medicaid	Medicare	Medicaid
Expenditures				
Total	\$193,973,632	\$253,534,834	\$145,274,395	\$64,329,210
Professional/Carrier	\$34,546,428	\$9,155,341	\$21,545,991	\$5,998,168
Home Health	\$979,548	\$0	\$279,749	\$101,396
Hospice	\$12,787,715	\$0	\$1,168,889	\$0
Inpatient Hospital	\$65,909,262	\$867,923	\$54,407,488	\$1,254,490
Outpatient Hospital	\$21,722,140	\$5,112,623	\$20,750,151	\$960,849
Prescriptions	\$32,082,278	\$2,884,156	\$37,887,631	\$1,804,176
Skilled Nursing Facility	\$25,946,261	\$114,279,929	\$9,234,497	\$20,062,111
Home & Community Based LTSS	-	\$121,041,731	-	\$32,316,983
Alcohol or Drug Treatment (AOD)	-	\$193,131	-	\$1,831,037
AOD Inpatient	-	\$16,640	-	\$295,238
AOD Outpatient/Other	-	\$176,491	-	\$1,535,799

Note: Excludes DDD services and mental health services provided through RSN capitation