

Measure 5a.1 – Use of Psychotropic Medication among Youth in Foster Care

Measure 5a.1 – Use of Psychotropic Medication among Youth in Foster Care displays the number of children with a Medi-Cal paid claim for psychotropic medication, the number of children in foster care in the period, and the derived percentage of children in foster care at some time during a 12-month period with a paid claim for medication and a concurrent placement in foster care.

Data Source: The CWS/CMS¹ data for children in foster care and Medi-Cal fee-for-service and managed care pharmacy paid claims data for psychotropic medication for children in foster care identified through aid codes from the Department of Health Care Services' (DHCS) MIS/DSS² are matched. The process for the match involves using a probabilistic, multi-step, multi-method algorithm of exact and inexact matches based on a combination of name, social security number, and date of birth records between the two systems.

Frequency: Quarterly, rolling 12-month period.

Denominator

The denominator includes children:

- In foster care for 30 days or more,³ and is computed by subtracting the CWS/CMS episode removal date variable (*removal_dt*), from the end date variable (*pleps_endt*). If the episode is open, the last day of the reporting period is used;
- In Child Welfare Department, Probation, State Adoptions, and Indian Child Welfare supervised care; and
- Under 18 years old at the beginning of the reporting period.
- The most recent county of jurisdiction, responsible agency, and placement type within the 12-month period are used.

The denominator excludes children:

- Placed in California under the jurisdiction of another state (incoming ICPC⁴);
- Who are placed with non-dependent legal guardians; and
- In Non-Foster Care placements.

Numerator

The numerator includes children described above:

- Who had one or more claims for a **psychotropic** medication and a concurrent open foster care episode during the 12-month period of measurement as defined for the denominator;
- County of jurisdiction, placement type, and age are calculated from the most recent paid claim date for a psychotropic medication in which the youth was in an open foster care episode;
- Time in foster care is computed by subtracting the CWS/CMS episode removal date variable (*removal_dt*), from the end date variable (*pleps_endt*). If the episode is open, the last day of the reporting period is used.

¹Child Welfare Services/Case Management System

²Medi-Cal Management Information System/Decision Support System

³The 30-day period allows for the court to establish jurisdiction over the youth, Welfare and Institutions Code sections 369.5 and 739.5.

⁴Interstate Compact on the Placement of Children

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Medications specified in the Welfare and Institutions Code 369.5, including those with multiple indications, was included beginning in Quarter 4 of 2015 and all preceding time periods.

“Psychotropic medications are those medications administered for the purpose of affecting the central nervous system to treat psychiatric disorders or illnesses. These medications include, but are not limited to, anxiolytic agents, antidepressants, mood stabilizers, antipsychotic medications, anti-Parkinson agents, hypnotics, medications for dementia, and psychostimulants.”

| Medication Generic Name |
|--------------------------------|
| ALPRAZOLAM |
| ALPRAZOLAM/DIETARY SUPPL NO.17 |
| AMANTADINE HCL |
| AMITRIPTYLINE HCL |
| AMOXAPINE |
| ARIPIRAZOLE |
| ARIPIRAZOLE LAUROXIL |
| ARMODAFINIL |
| ASENAPINE MALEATE |
| ATOMOXETINE HCL |
| BENZTROPINE MESYLATE |
| BIPERIDEN HCL |
| BREXPIRAZOLE |
| BROMOCRIPTINE MESYLATE |
| BUPROPION HBR |
| BUPROPION HCL |
| BUPROPION HCL/DIET SUPP. NO.15 |
| BUPROPION HCL/DIET SUPP. NO.16 |
| BUSPIRONE HCL |
| CABERGOLINE |
| CARBAMAZEPINE |
| CARBIDOPA |
| CARBIDOPA/LEVODOPA |
| CARBIDOPA/LEVODOPA/ENTACAPONE |
| CHLORAL HYDRATE |
| CHLORDIAZEPOXIDE |

| Medication Generic Name |
|-------------------------------|
| CHLORDIAZEPOXIDE HCL |
| CHLORPROMAZINE HCL |
| CITALOPRAM HYDROBROMIDE |
| CLOMIPRAMINE HCL |
| CLONAZEPAM |
| CLONIDINE |
| CLONIDINE HCL |
| CLORAZEPATE DIPOTASSIUM |
| CLOZAPINE |
| DESIPRAMINE HCL |
| DESVENLAFAXINE |
| DESVENLAFAXINE FUMARATE |
| DESVENLAFAXINE SUCCINATE |
| DEXMETHYLPHENIDATE HCL |
| DEXTROAMPHETAMINE SULFATE |
| DEXTROAMPHETAMINE/AMPHETAMINE |
| DIAZEPAM |
| DIAZEPAM (IN SOYBEAN OIL) |
| DIVALPROEX SODIUM |
| DONEPEZIL HCL |
| DOXAPRAM HCL |
| DOXEPIN HCL |
| DULOXETINE HCL |
| ENTACAPONE |
| ESCITALOPRAM OXALATE |
| ESTAZOLAM |

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| Medication Generic Name |
|--------------------------------|
| ESZOPICLONE |
| FLUOXETINE HCL |
| FLUOXETINE HCL/DIET. SUPP NO.8 |
| FLUOXETINE HCL/DIET.SUPP NO.17 |
| FLUPHENAZINE DECANOATE |
| FLUPHENAZINE ENANTHATE |
| FLUPHENAZINE HCL |
| FLURAZEPAM HCL |
| FLUVOXAMINE MALEATE |
| GALANTAMINE HBR |
| GUANFACINE HCL |
| HALOPERIDOL |
| HALOPERIDOL DECANOATE |
| HALOPERIDOL LACTATE |
| ILOPERIDONE |
| IMIPRAMINE HCL |
| IMIPRAMINE PAMOATE |
| ISOCARBOXAZID |
| LAMOTRIGINE |
| LEVOMILNACIPRAN HCL |
| LISDEXAMFETAMINE DIMESYLATE |
| LITHIUM CARBONATE |
| LITHIUM CITRATE |
| LORAZEPAM |
| LOXAPINE |
| LOXAPINE HCL |
| LOXAPINE SUCCINATE |
| LURASIDONE HCL |
| MAPROTILINE HCL |
| MEMANTINE HCL |
| MESORIDAZINE BESYLATE |
| METHAMPHETAMINE HCL |
| METHYLPHENIDATE |

| Medication Generic Name |
|---------------------------|
| METHYLPHENIDATE HCL |
| MILNACIPRAN HCL |
| MIRTAZAPINE |
| MODAFINIL |
| MOLINDONE HCL |
| NORTRIPTYLINE HCL |
| OLANZAPINE |
| OLANZAPINE PAMOATE |
| OLANZAPINE/FLUOXETINE HCL |
| OXAZEPAM |
| OXCARBAZEPINE |
| PALIPERIDONE |
| PALIPERIDONE PALMITATE |
| PAROXETINE HCL |
| PAROXETINE MESYLATE |
| PERPHENAZINE |
| PHENELZINE SULFATE |
| PIMOZIDE |
| PRAMIPEXOLE DI-HCL |
| PROTRIPTYLINE HCL |
| QUAZEPAM |
| QUETIAPINE FUMARATE |
| RAMELTEON |
| RASAGILINE MESYLATE |
| RISPERIDONE |
| RISPERIDONE MICROSPHERES |
| RIVASTIGMINE TARTRATE |
| ROPINIROLE HCL |
| ROTIGOTINE |
| SELEGILINE |
| SELEGILINE HCL |
| SERTRALINE HCL |
| SODIUM OXYBATE |

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| Medication Generic Name |
|--------------------------------|
| TEMAZEPAM |
| THIORIDAZINE HCL |
| THIOTHIXENE |
| THIOTHIXENE HCL |
| TOLCAPONE |
| TOPIRAMATE |
| TRANLYCYPROMINE SULFATE |
| TRAZODONE HCL |
| TRAZODONE HCL/DIET8 |
| TRIAZOLAM |
| TRIFLUOPERAZINE HCL |
| TRIHEXYPHENIDYL HCL |
| TRIMIPRAMINE MALEATE |
| VALPROIC ACID |
| VALPROIC ACID (AS SODIUM SALT) |
| VENLAFAXINE HCL |
| VILAZODONE HCL |
| VORTIOXETINE HYDROBROMIDE |
| ZALEPLON |
| ZIPRASIDONE HCL |
| ZIPRASIDONE MESYLATE |
| ZOLPIDEM TARTRATE |