



Oregon Department of Education
Colt Gill, Acting Deputy Superintendent of Public Instruction

2017 Nursing Services in Oregon Public Schools



OREGON
DEPARTMENT OF
EDUCATION

OFFICE *of*
STUDENT SERVICES

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Executive Summary

It is common knowledge that students are best able to access their education programs when they are healthy. During the 2016-2017 school year, an estimated 21,000 students in Oregon arrived at school with health conditions that required nursing services. In 2009, the legislature amended ORS 336.201 to require the Oregon Department of Education (ODE) to submit an annual report no later than October 1 of each year to the State Board of Education and the interim legislative committees related to education. This report provides data collected from districts on:

- The availability of Licensed Practical Nurses, Registered Nurses and School Nurses in each school district; and
- The number of medically complex students, medically fragile students and nursing dependent students in each school district.

Table 1 below provides the total number of enrolled students in Oregon schools in 2016-17 and the number of school nurses available to serve them:

Table 1: School Nursing Service Available in Oregon Schools				
School Year	Number of Students Enrolled	School Nurse FTE Reported in this Collection	Ratio of Total Nurses to Total Students	School Nurse Single Student FTE
2016-2017	578,947	225.75 ¹	1:2,565 ²	42.25

Oregon law (ORS 336.201) requires districts provide the following levels of nursing services:

- One Registered Nurse or School Nurse for every 225 medically complex students.
- One Registered Nurse or School Nurse for every 125 medically fragile students.
- One Registered Nurse, School Nurse, or Licensed Practical Nurse for each nursing-dependent student

In addition, Oregon law encourages school districts to provide one Registered Nurse or School Nurse for every 750 students by 2020 following the calendar below:

- One Registered Nurse or School Nurse for every 3,500 students by July 1, 2014
- One Registered Nurse or School Nurse for every 2,500 students by July 1, 2016
- One Registered Nurse or School Nurse for every 1,500 students by July 1, 2018
- One Registered Nurse or School Nurse for every 750 students by July 1, 2020

Table 2: ORS 336.201 requires ODE to collect data regarding specific student populations. Table 2 provides the total number of students identified in each of these categories based upon the 2016-17 school year.

¹ School Nurse FTE is calculated by subtracting “single student nurse” count from the “registered nurse count”.

² School Nurse Ratio is calculated by dividing “student enrollment by total “School Nurse FTE”. This does not incorporate state required ratios for Medically Fragile and Medically Complex.

Table 2: Number of Students with Specific Medical Impairments			
School Year	Number of Medically Complex Students	Number of Medically Fragile Students	Number of Nursing Dependent Students
2016-2017	16,577	4,524	96

Nursing Services in Oregon Public Schools And Students with Health Conditions

Background

Many Oregon students arrive at school with existing health conditions that effect their ability to access and benefit from educational programing. The number of these students as well as the complexity of their health conditions has been increasing year to year. Therefore, it is vital that student health care needs be addressed in the school setting. Existing health conditions, such as asthma, diabetes and seizure disorders, are a “fact of life” for many of the students attending Oregon public schools.

This report provides data on the number of medically fragile, medically complex, and nursing dependent students in Oregon. In addition, this report provides data on the number of health care providers (Registered Nurses, School Nurses, and Licensed Practical Nurses) working in Oregon schools. Finally, this report identifies the current School Nurse to Student ratios for Oregon.

Nursing Services Provided in Oregon Public Schools

In general, there are three ways nursing services are provided in Oregon schools.

1. Through Licensed School Nurses. As defined by ORS 342.455, a “School Nurse” means a Registered Nurse who is certified by the Teacher Standards and Practices Commission (TSPC) as qualified to conduct and coordinate the health service programs of a school. The TSPC issues a Professional School Nurse certificate to Registered Nurses who meet these additional requirements promulgated by the Oregon State Board of Nursing. (ORS 342.475) However, there is no state requirement that school districts employ only TSPC certified School Nurses (ORS 342.495) to provide health services to students.
2. Through Registered Nurses. Oregon law allows school districts to hire registered nurses, who do not hold a TSPC Professional School Nurse certificate, to provide school nursing services.
3. Through Licensed Practical Nurses. Under Oregon law, Licensed Practical Nurses must work under the clinical direction of a Doctor, Dentist, or Registered Nurse.

Delegation

Oregon law allows Registered Nurses to train and delegate nursing responsibilities to non-health professionals to meet the health needs of students. As such, a Registered Nurse, working for a district, may train and oversee non-nursing school staff that may perform nursing tasks delegated by the nurse. Registered Nurses have the authority to perform this training and oversight under Division 47 of the Oregon Nurse Practice Act. A Registered Nurse can only delegate once they identify that the person being trained, is willing and capable of performing the nursing task. The Oregon Department of Education does not currently collect data on the number of Registered Nurse delegations performed in Oregon schools.

Data Collection 2016-2017

School districts were required to submit data on nursing services for the 2016-2017 school year. ODE staff communicated this requirement to all districts in a variety of formats including by phone, email, and through appropriate email list serves. ODE received data from 197 of the 197 districts in Oregon.

Nursing Services Available in Oregon Schools

In the 197 Oregon school districts who reported data, there are 268 full-time equivalent (FTE) nurses employed who serve students. (See district-by-district data in Appendix A). Table 3 below shows the total nursing support (Registered Nurses and Licensed Practical Nurses) in public schools for the 2016-2017 school year.

Licensed Practical Nurse	32.01
Registered Nurse/School Nurse	268
Total Nurse Support in Schools	300.01

Students with Medical Impairments

As required by ORS 336.201, this report provides data on students with health impairments in the following three categories:

- *Medically complex*
- *Medically fragile*
- *Nursing dependent*

Medically Complex Students

Oregon law defines “medically complex students” as those students who may have an unstable health condition and who may require daily professional nursing services. Students in this category have health conditions which require a licensed nurse to do an assessment, write a health care plan, and teach or delegate tasks of care to non-nurse school staff who are working directly with the student. The nurse has intermittent direct contact with these students and provides a wide range of nursing care. For example, a nurse may write a health care plan, provide nursing services, address emergent problems, train and monitor school staff, access new medical orders, and attend an IEP meeting.

An example of a student in this category would be one who has a stable seizure disorder. The school nurse will access medical orders, assess the student, write a care plan for the student, and train non-nurse school staff how to recognize and assist the student during seizure activity. The nurse will also periodically monitor the student during the school year and intervene if a change is needed in health services provided by the school. See Appendix B for further explanation of Medically Complex.

In 2016-2017, districts reported 16,577 medically complex students.

Medically Fragile Students

Medically fragile students are those students “who may have a life-threatening health condition and who may require immediate professional nursing services.” Students in this category have a health condition which requires frequent (often daily) one-on-one intervention by a Registered Nurse. An example of this would be a six-year-old student who is newly diagnosed with diabetes. Nurse intervention is required on a daily basis to check blood status, configure correct insulin doses, and administer insulin. As this student’s medical

condition becomes more stable and the student matures, the student's category may change to one which requires less intense school health services.

Oregon reflects national statistics in the increasing numbers of diabetic and severely allergic children and young adults. Taken together, these two diagnoses affect up to 10% of Oregon's school population. Children and young adults who have these and other serious medical conditions are only able to access their educational program when their chronic condition is stable and controlled. See Appendix B for further explanation of Medically Fragile.

In 2016-2017, districts reported 4524 medically fragile students.

Nursing-Dependent Students

"Nursing-dependent students" are those students who have an unstable or life-threatening health condition and who require daily, direct, and continuous professional nursing services. Nursing-Dependent students are those who require direct one-on-one services provided by a licensed nurse to keep them medically safe in the school setting. An example would be a student with impaired breathing, who has a tracheostomy which requires frequent suctioning. Since professional nursing assessment is required with each instance of suctioning, a licensed nurse must be present with the student during school hours.

In 2016-2017, districts reported 96 Nursing Dependent students.

Conclusion

Many Oregon students are arriving at school with existing health conditions that compromise their ability to access and benefit from their educational program. The data reflected in the 2017 Nursing Services in Oregon Public Schools report is the most accurate and comprehensive data collected on these students and the level of nursing services being provided to date. To achieve this level of accuracy the Department made a concerted effort to clarify and define the different categories in this report and went to great lengths to share this information with the field. This has significantly increased the accuracy of this year's data and resulted in 100% of Oregon's school districts reporting data.

In the 2017 regular legislative session the legislature passed SB 111. This bill requires ODE to develop a Medicaid billing process that allows all districts in the state to effectively bill Medicaid for all school health services allowable under the Medicaid program. It was the intent of the legislature that the monies received through the Medicaid reimbursements be used to improve and enhance school health services across the state. This includes districts using the funds to achieve the legally required student to nurse ratios in schools. It is the intent of the Department of Education to use this collection as a data source to demonstrate whether districts are increasing their school nurse services. In addition, the Department will continue its efforts to assure district participation and accuracy of the data in this collection.

Appendix A

2016-2017

Medically Fragile

Data Collection

District Level

Medically Fragile 2016-2017

District Name	Medically Fragile Student Count	Nursing Dependent Student Count	Medically Complex Student Count	Licensed Practical Nurse Count	Registered Nurse Count	Registered Nurse Single Student Count	School Nurse Count
Adel SD 21	0	0	0	0	0	0	0
Adrian SD 61	0	0	0	0	0	0	0
Alsea SD 7J	0	0	0	0	0	0	0
Amity SD 4J	*	0	18	0	0.06	0	0
Annex SD 29	0	0	0	0	0	0	0
Arlington SD 3	0	0	0	0	0	0	0
Arock SD 81	0	0	0	0	0	0	0
Ashland SD 5	12	0	127	0.2	1	0	0
Ashwood SD 8	0	0	0	0	0	0	0
Astoria SD 1	6	0	43	0	1.1	0	1
Athena-Weston SD 29RJ	13	0	*	0	0.35	0	0
Baker SD 5J	0	0	0	0.4	0	0	0
Bandon SD 54	*	*	*	1	0	0	0
Banks SD 13	12	0	68	0	0.3	0	0
Beaverton SD 48J	94	8	1582	8	12.75	*	0
Bend-LaPine Administrative SD 1	82	*	763	0	11.07	*	4
Bethel SD 52	60	*	255	0	2.6	*	1
Blachly SD 90	0	0	*	0	0	0	0
Black Butte SD 41	0	0	0	0	0	0	0
Brookings-Harbor SD 17C	*	*	53	0	2	*	0
Burnt River SD 30J	0	0	0	0	0	0	0
Butte Falls SD 91	0	0	*	0	0	0	0
Camas Valley SD 21J	0	0	0	0	0	0	0
Canby SD 86	23	0	150	0	2	0	2
Cascade SD 5	*	0	0	0	1	0	0
Centennial SD 28J	28	*	147	0	5.01	*	0
Central Curry SD 1	0	0	0	0	0	0	0
Central Linn SD 552	*	*	12	0	0.65	0	0
Central Point SD 6	42	*	163	0	1	0	0
Central SD 13J	14	*	58	1	1	0	1
Clatskanie SD 6J	8	0	21	0	0.5	0	0
Colton SD 53	*	0	17	0	0.17	0	0
Condon SD 25J	0	0	0	0	0	0	0
Coos Bay SD 9	18	*	93	0	2.8	0	0
Coquille SD 8	*	*	53	0	1	*	0

District Name	Medically Fragile Student Count	Nursing Dependent Student Count	Medically Complex Student Count	Licensed Practical Nurse Count	Registered Nurse Count	Registered Nurse Single Student Count	School Nurse Count
Corbett SD 39	20	0	*	0	0.48	0	0.48
Corvallis SD 509J	89	*	231	0	6	*	0
Cove SD 15	0	0	0	0	0	0	0
Creswell SD 40	*	*	0	2	1	*	0
Crook County SD	24	0	56	0	2	0	0
Crow-Applegate-Lorane SD 66	0	*	0	0	0	0.75	0
Culver SD 4	*	0	8	0	0.26	0	0.26
Dallas SD 2	17	*	62	0	1.5	0.75	0
David Douglas SD 40	96	*	173	0	6.3	*	0
Dayton SD 8	*	0	10	0	0.26	0	0.26
Dayville SD 16J	0	0	0	0	0	0	0
Diamond SD 7	0	0	0	0	0	0	0
Double O SD 28	0	0	0	0	0	0	0
Douglas County SD 15	0	0	0	0	0	0	0
Douglas County SD 4	*	*	*	0	1	*	1
Drewsey SD 13	0	0	0	0	0	0	0
Dufur SD 29	*	0	9	0	0.1	0	0
Eagle Point SD 9	24	0	99	0	3	0	0
Echo SD 5	*	0	*	0	0.24	0	0
Elgin SD 23	*	0	10	0	0.42	0	0
Elkton SD 34	49	0	*	0	0	0	0
Enterprise SD 21	0	0	0	0	0	0	0
Estacada SD 108	32	0	101	0	1	0	0
Eugene SD 4J	57	10	391	1.05	11.28	0	5.18
Falls City SD 57	0	0	0	0	0.02	0	0.02
Fern Ridge SD 28J	0	0	0	0	0	0	0
Forest Grove SD 15	11	*	254	0	2	0	0
Fossil SD 21J	0	0	0	0	0	0	0
Frenchglen SD 16	0	0	0	0	0	0	0
Gaston SD 511J	*	0	27	0	0.05	0	0
Gervais SD 1	*	0	9	0	1	0	0
Gladstone SD 115	19	*	9	1	0.6	0	0
Glendale SD 77	0	0	0	0	0	0	0
Glide SD 12	*	0	36	0	0	0	0
Grants Pass SD 7	6	0	141	0	1	0	0
Greater Albany Public SD 8J	112	*	557	0	1.5	0.1	0

District Name	Medically Fragile Student Count	Nursing Dependent Student Count	Medically Complex Student Count	Licensed Practical Nurse Count	Registered Nurse Count	Registered Nurse Single Student Count	School Nurse Count
Gresham-Barlow SD 10J	64	0	151	0	4.8	0	0
Harney County SD 3	0	0	0	0	0	0	0
Harney County SD 4	0	0	0	0	0	0	0
Harney County Union High SD 1J	0	0	0	0	0	0	0
Harper SD 66	0	0	0	0	0	0	0
Harrisburg SD 7J	*	0	33	0	0.2	0	0
Helix SD 1	*	0	0	0	0.24	0	0
Hermiston SD 8	71	*	239	0	3	*	2
Hillsboro SD 1J	130	*	803	8.34	6.9	0	0
Hood River County SD	79	0	262	0	1.52	0	0
Huntington SD 16J	0	0	0	0	0	0	0
Imbler SD 11	0	0	*	0	0.41	0	0
Ione SD R2	*	0	0	0	0.04	0	0
Jefferson County SD 509J	13	0	35	0	1	0	0
Jefferson SD 14J	7	0	32	0	0.02	0	0
Jewell SD 8	*	0	*	0	0.2	0	0.2
John Day SD 3	0	0	0	0	0	0	0
Jordan Valley SD 3	0	0	0	0	0	0	0
Joseph SD 6	*	0	*	0	0	0	0
Junction City SD 69	*	0	49	0	1	0	0
Juntura SD 12	0	0	0	0	0	0	0
Klamath County SD	187	0	187	0	4	0	0
Klamath Falls City Schools	76	0	158	0	2.3	0	0
Knappa SD 4	0	0	18	0	0.6	0	0
La Grande SD 1	8	0	23	0	0.5	0	0.5
Lake County SD 7	0	0	0	0	0	0	0
Lake Oswego SD 7J	26	*	355	1	3.5	*	1
Lebanon Community SD 9	18	*	253	0	2.6	*	0
Lincoln County SD	21	0	112	0	2	0	0
Long Creek SD 17	*	0	0	0	0	0	0
Lowell SD 71	0	0	0	0	0	0	0
Malheur County SD 51	0	0	0	0	0	0	0
Mapleton SD 32	0	0	0	0	0	0	0
Marcola SD 79J	0	0	0	0	0	0	0

District Name	Medically Fragile Student Count	Nursing Dependent Student Count	Medically Complex Student Count	Licensed Practical Nurse Count	Registered Nurse Count	Registered Nurse Single Student Count	School Nurse Count
McKenzie SD 68	0	0	0	0	0	0	0
McMinnville SD 40	68	0	261	0	3	0	1
Medford SD 549C	62	0	426	0	6	0	0
Milton-Freewater Unified SD 7	23	0	13	0	0.78	0	0
Mitchell SD 55	0	0	0	0	0	0	0
Molalla River SD 35	7	0	36	0	1	0	0
Monroe SD 1J	*	0	10	0	0	0	0
Monument SD 8	0	0	0	0	0	0	0
Morrow SD 1	14	0	12	0	0.29	0	0
Mt Angel SD 91	11	0	*	0	0.14	0	0
Myrtle Point SD 41	0	0	0	0	0.2	0	0.2
Neah-Kah-Nie SD 56	12	0	30	0	0.43	0	0
Nestucca Valley SD 101J	0	0	0	0	0	0	0
Newberg SD 29J	23	0	96	0	1	0	0
North Bend SD 13	18	6	295	0	5	*	2
North Clackamas SD 12	347	0	693	0	7.5	*	2
North Douglas SD 22	*	0	0	0	0.2	0	0
North Lake SD 14	0	0	0	0	0	0	0
North Marion SD 15	38	0	24	0	0.8	0	0
North Powder SD 8J	*	0	13	0	0.2	0	0
North Santiam SD 29J	*	0	44	0	1.2	0	0
North Wasco County SD 21	57	0	59	0	2.4	0	2.4
Nyssa SD 26	0	0	0	0	0	0	0
Oakland SD 1	0	0	0	0	0	0	0
Oakridge SD 76	*	0	0	0	0	0	0
Ontario SD 8C	10	*	67	1	0.71	0	0
Oregon City SD 62	68	*	442	0	2.1	*	0
Oregon Trail SD 46	42	0	188	0	6.25	0	0
Paisley SD 11	0	0	0	0	0	0	0
Parkrose SD 3	6	0	23	0	1.21	0	0
Pendleton SD 16	35	*	30	0	1.3	0	1
Perrydale SD 21	*	0	24	0	0.2	0	0
Philomath SD 17J	*	0	51	0.44	1	0	0
Phoenix-Talent SD 4	6	0	20	0	1	0	0.16
Pilot Rock SD 2	*	0	0	0	0.05	0	0
Pine Creek SD 5	0	0	0	0	0	0	0

District Name	Medically Fragile Student Count	Nursing Dependent Student Count	Medically Complex Student Count	Licensed Practical Nurse Count	Registered Nurse Count	Registered Nurse Single Student Count	School Nurse Count
Pine Eagle SD 61	*	0	0	0	0.25	0	0
Pinehurst SD 94	0	0	0	0	0	0	0
Pleasant Hill SD 1	0	0	0	0.38	0	0	0
Plush SD 18	0	0	0	0	0	0	0
Port Orford-Langlois SD 2CJ	0	0	0	0	0	0	0
Portland SD 1J	562	6	1181	2	34	*	0
Powers SD 31	0	0	0	0	0	0	0
Prairie City SD 4	0	0	0	0	0	0	0
Prospect SD 59	0	0	0	0	0	0	0
Rainier SD 13	*	0	28	0	0.5	0	0
Redmond SD 2J	46	*	294	0	7.94	0	0
Reedsport SD 105	9	*	18	0	1.25	0.25	1
Reynolds SD 7	102	*	108	3	6.76	*	0
Riddle SD 70	0	0	0	0	0	0	0
Riverdale SD 51J	*	0	37	0	0.34	0	0
Rogue River SD 35	0	0	*	0	0.19	0	0.19
Salem-Keizer SD 24J	474	*	756	0	15.8	*	0
Santiam Canyon SD 129J	21	0	94	0	0	0	0
Scappoose SD 1J	*	0	110	0	1	0	0
Scio SD 95	0	0	0	0	0	0	0
Seaside SD 10	0	0	37	0	0	0	0
Sheridan SD 48J	*	0	10	0.4	0	0	0
Sherman County SD	0	0	0	0	0	0	0
Sherwood SD 88J	97	*	265	0	2	*	0
Silver Falls SD 4J	14	0	66	0	2.75	0	0
Sisters SD 6	*	*	80	0	1.75	0	1.75
Siuslaw SD 97J	0	0	0	0	0	0	0
South Harney SD 33	0	0	0	0	0	0	0
South Lane SD 45J3	*	0	353	0	2	0	2
South Umpqua SD 19	8	0	14	0	0	0	0
South Wasco County SD 1	0	0	0	0	0	0	0
Spray SD 1	0	0	0	0	0	0	0
Springfield SD 19	76	*	216	0	4	0	0
St Helens SD 502	21	*	34	0	1	*	1
St Paul SD 45	0	0	0	0	0.1	0	0.1
Stanfield SD 61	0	0	*	0	0	0	0
Suntex SD 10	0	0	0	0	0	0	0

District Name	Medically Fragile Student Count	Nursing Dependent Student Count	Medically Complex Student Count	Licensed Practical Nurse Count	Registered Nurse Count	Registered Nurse Single Student Count	School Nurse Count
Sutherlin SD 130	10	0	0	0	1	0	0
Sweet Home SD 55	22	*	103	0	2.2	0.6	0
Three Rivers/Josephine County SD	*	0	64	0	0.17	0	0.17
Tigard-Tualatin SD 23J	223	*	432	0	8	*	1
Tillamook SD 9	16	*	77	0	2	0	0.37
Troy SD 54	0	0	0	0	0	0	0
Ukiah SD 80R	0	0	0	0	0	0	0
Umatilla SD 6R	12	0	*	0	0.58	0	0
Union SD 5	*	0	*	0	0.19	0	0
Vale SD 84	0	0	0	0	0	0	0
Vernonia SD 47J	*	0	14	0	0.12	0	0
Wallowa SD 12	*	0	0	0	0	0	0
Warrenton-Hammond SD 30	11	0	44	0	1	0	0
West Linn-Wilsonville SD 3J	160	0	664	0	3	0	1.5
Willamina SD 30J	*	0	0	0	0	0	0
Winston-Dillard SD 116	0	0	0	0	0	0	0
Woodburn SD 103	12	0	46	0	1.75	0	0
Yamhill Carlton SD 1	*	*	13	0.8	0.2	0.2	0
Yoncalla SD 32	0	0	0	0	0	0	0
Total	4,524	96	16,577	32.01	268	42.25	37.74

Data Source: Medically Fragile Services

*To conform with Oregon Department of Education's confidentiality policy, cell sizes less than six are suppressed.

Appendix B

Guidance for Assessing Student Health Conditions

Guidance for Assessing Student Health Conditions for Annual Oregon Department of Education School Nurse Data Collection

This document is provided as guidance for completing the Annual Oregon Department of Education School Nurse Data collection. It is recommended that district administration review all laws, administrative rules, and guidance documents when making decisions affecting nursing ratios.

General Student Population (1:750 recommended)

Description: Students with normal growth & development or intermittent acute illness/injury events; if a condition exists, it is uncomplicated and predictable.

- **Asthma Example:** Student identified on registration forms as having asthma. No known events at school, no contact from parents/staff/student. Student may have rescue inhaler at school. Asthma is well managed, no exacerbations or hospitalizations in past year.
- **Seizure Example:** Student with history of febrile seizure(s). No further seizure activity, no anti-epileptic medication. Well-controlled with medication with rare breakthrough seizures outside of school setting.
- **Severe Allergic Reaction (SAR) Example:** Student has penicillin allergy
- **Behavioral example:** On medication for depression or other mental health diagnosis with stable dosing of long-term medication.
- **Medication example:** Over the counter (OTC), non-prescription medications available at school (acetaminophen, ibuprofen, cough drops, etc); self-administration of medications
- **Miscellaneous Example:** Student with muscular dystrophy but no ongoing nursing needs at school. RN chooses to monitor student annually

Nursing Assessment: No identified/ongoing nursing intervention at school; no health plan necessary.

Medically Complex (1:225 mandated)

Definition: Medically complex students means students who may have an unstable health condition and who may require daily professional nursing services. (ORS 336.201)

- **Asthma Example:** Frequent use of rescue inhaler: multiple times per week. Frequent health room visits and/or PMD/hospital visits require assessment and intervention by nurse. Student may/may not have nebulizer.
- **Seizure Example:** Student has occasional breakthrough seizures at school.
- **SAR Example: Student with identified allergy and has medication ordered for treatment (antihistamine or epinephrine), may be life-threatening**
- **Diabetes Example:** Diabetic student with blood glucose monitoring supplies and Glucagon at school. Student may/may not be independent self-manager
- **Behavioral Example:** Student on medication for depression or other mental health issue with frequent medication dosage changes and staff symptom monitoring. Student discharged after emergent hospitalization for eating disorder, long history of cutting and emergent hospitalizations
- **Medication Example:** Daily medication given at school by school staff, may require student/family education and/or side effects monitoring
- **Miscellaneous Example:** Student requires clean intermittent catheterization daily at school; student has a long-term G-tube feeding at school
- **Concussion example:** Student with a recent concussion that needs monitoring and interventions to help with their recovery and academic success.

Nursing Assessment: Needs more than a first aid response; a health plan may or may not be in place

Note: ORS 336.201 allows school districts to satisfy the nurse ratio requirements for medically complex students by providing personnel trained and supervised by registered nurse or school nurse. (ORS 336.201 (4)(b).)

Medically Fragile (1:125 mandated)

Definition: Medically Fragile students means students who may have a life-threatening health condition and who may require immediate professional nursing services. (ORS 336.201)

- **Asthma Example:** Student uses rescue inhaler 3-4 times in 24 hours. Peak flows are 65% or less of student's expected normal. Hospitalizations and/or emergent ED visit(s) have occurred in past year
- **Seizure Example:** Severe seizure disorder requiring immediate intervention with VNS and/or rectal Diastat; student has frequent cluster seizures making it difficult for unlicensed staff to identify beginning and/or end of seizure activity. Student often has prolonged post-ictal phase
- **SAR Example:** Severe and/or multiple life-threatening allergies necessitating wide-ranging accommodations in the school setting
- **Diabetes Example:** Student with highly variable blood glucose levels, and/or student requiring insulin administration at school, and/or non-compliant student, and/or student with cognitive impairment, and/or newly diagnosed student
- **Behavioral example:** Suicidal ideation requiring frequent monitoring/assessment by school staff
- **Miscellaneous example:** Multiple 'complex' conditions that combined put the student at risk of a life-threatening event

Nursing Assessment: Licensed nurse is readily available for assessment and/or intervention

Nursing Dependent (1:1)

Definition: Nursing-dependent students means students who may have an unstable or life-threatening health condition and who may require daily, direct, and continuous professional nursing services. (ORS 336.201)

- **Example:** Student with tracheostomy that requires nursing assessment & care to maintain airway
- **Example:** Student with multiple health conditions e.g. compromised airway, severe seizure disorder, GT feedings, etc. that requires skilled nursing assessment and intervention

Nursing Assessment: Student requires direct and continuous care by a licensed nurse (1:1)