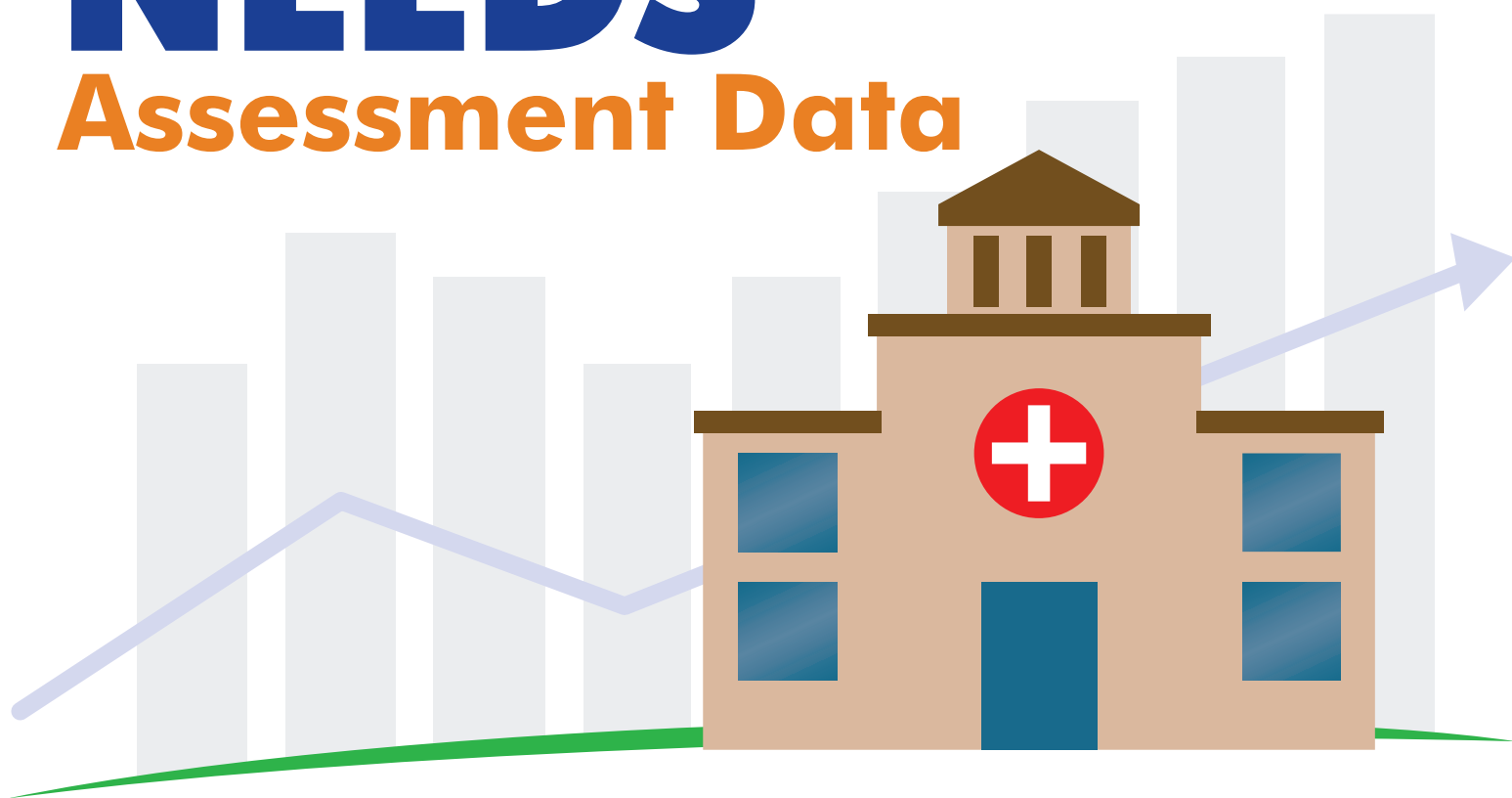


2016 SCHOOL NURSE NEEDS

Assessment Data





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2016-2017**

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TALLIES FOR 289 NURSES FOR COUNTY - STATEWIDE FOR YEAR 2016

Local Education Agencies not reporting : Doddridge and Lewis counties

Section I

This section seeks to obtain information regarding professional preparation, years of service and provision of school health services. Please complete the questions as indicated, using every means available to collect accurate, complete information.

1. Population served (number of students):	Pre-K	17,341
	Grades K-7	158,768
	Grades 8-12	94,471
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2. Highest Degree Held		
a. Diploma		1
b. Associate Degree		10
c. Bachelor's Degree in Nursing		205
d. Bachelor's Degree in field other than nursing		2
e. Master's Degree in Nursing		21
f. Master's Degree in field other than nursing		42
g. Doctorate		0
h. School Nurse Practitioner		0
i. Family Nurse Practitioner		1
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3. Credentials Held		
a. WV Certified School Nurse/Professional Service Certificate		242
b. Permanent Authorization		70
c. First Class Permit		19
d. Substitute Permit		8
e. ANA Certification		2
f. NASN Certification		67
g. None of the Above		5
h. Other		16
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4. Please provide information regarding your employment status:		
Employer:	Board of Education: 278	County Health Department: 1
Status:	Part-Time: 15	Full-Time: 263
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5. Please indicate your years of experience in SCHOOL NURSING ONLY.		
a. 0-2 years		43
b. 3-5 years		56
c. 6-10 years		63
d. 11-13 years		39
e. 14+ years		81

6.a. Immediate supervisor(s) for school nurses for your area (check all letters that apply).	
a. Medical Director	10
b. Superintendent	35
c. Principal	112
d. Special Education Director	63
e. Director/Coordinator of Health Services	126
f. Director of Pupil Services	55
g. Other	33
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6.b. In your current position as a certified school nurse, do you assign or delegate health care procedures to the following nursing staff? More than one answer is acceptable.	
a. Licensed Practical Nurse (LPN) employed by the county Board of Education	33
b. LPN/AIDE employed by the county Board of Education	121
c. Contracted LPN	19
d. RN on a School Nurse Authorization	33
e. Contracted RN	16
f. None of the above	117
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6.c. What is the main role(s) of the nursing staff who were identified above as providing health care procedures in schools under your supervision? More than one answer is acceptable.	
a. Administering basic procedures only	49
b. Administering insulin only	39
c. Administering one-on-one specialized health care procedure(s)	65
d. Administering basic and specialized health care procedures to all students within the school building	120
e. Administering basic and specialized health care procedures to all students within the county	33
f. Providing classroom aide services to the teacher and health care services under the supervision of the certified school nurse in a school	76
g. Other	22
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6.d. Other than School-Based Health Center services provided to your school(s), do you have community medical services being offered to students through an agreement or understanding between an agency or private provider and your school(s)? If yes, what are these services? More than one answer is acceptable.	
a. Medical services (EPSDT/HealthCheck, Immunizations, screenings, etc.)	59
b. Behavioral/Mental Health Services	90
c. Dental Services	167
d. Family Planning Services	10
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6.e. Do you currently have a need or interest in any of the following medical services being offered to the students in your school?	
a. School-Based Health Center	77
b. Behavioral/Mental Health	140
c. Dental Services	89
d. Family Planning Services	50

6.f. Total number of health aide (non-RN, non-LPN/LVN) FTEs with an assigned caseload providing direct health services.

a. Health Aides 503

6.g. Total Numbers of Supplemental School Health FTEs in the schools you currently serve.

a. Supplemental/float RN FTEs 74

b. Supplemental/float LPN FTEs 125

c. Supplemental/float health aide (non-RN, non-LPN) FTEs 372

6.h. Total Numbers of Special Assignment FTEs for School Health.

a. RNs with special assignment FTEs 15

b. LPNs with special assignment FTEs 55

c. Health aides (non-RN, non-LPN) with special assignment FTEs 365

7. Student screening data totals where you are responsible for supervision/coordination or performance of procedure (complete each column).

Screen Procedure	Number of Students Screened per Year	Number of Students Referred for Evaluation/ Follow-up
Blood Pressure	16,223	745
Oral Health	25,999	4,143
Height/Weight	27,242	1,253
BMI Body Mass Index	24,304	1,260
Hearing	14,806	778
Scoliosis	Mass screenings no longer recommended	
Vision	48,874	4,255
Cholesterol	No longer assessed	
Lice	39,443	8,122
Immunizations	111,622	18,644
Well Child Screens (EPSDT/Healthcheck)	20,307	1,362
WVU CARDIAC Program	14,310	1,224

8. Other student health services performed by you (complete each column).

Health Service Provided	Number of Students Provided Service per Year	Number of Students Referred for Evaluation/ Follow-up
First Aid/Injuries	231,453	24,492
Health Counseling (Individual)	93,830	11,915
Health Counseling (Group)	13,375	166
Acute Care Health Problems (i.e. URI, ear infection, conjunctivitis, scabies, impetigo, ringworm, rashes)	248,425	50,142
CPR/AED	2,076	1

9. Average number of miles traveled weekly by you.	
Average Weekly Miles for (12,386 Summed Average Miles / 1 Nurses)	12,386.00
10. Number of schools you serve.	
Schools Served	777
11. Number of health care plans written and/or revised by you.	
Health Care Plans	17,446
12. Number of consultations with staff, parents, physicians regarding health issues.	
Consultations	102,556
13. Total number of TB skin tests given by you.	
TB Skin Tests	No longer administered by school nurses
14. Meetings attended by you.	
a. Individualized Education Plan (IEP)	2,308
b. Student Assistance Plan (SAP)	94
c. Student Assistance Team (SAT)	2,012
d. 504 Meetings	1,708
e. Chronic Medical Team for Attendance Policy	0
f. Other Meetings	2,544
15. Total number of students per year for whom Medicaid is billed for specialized health care procedures performed by you.	
a. Number of Students	629
b. Hours Spent on Medicaid Billing	1,630
16. Total number of classroom instructional programs conducted by you.	
Number of Classroom Instructional Programs	2,116
17. Total number of health fairs conducted by you.	
a. Number of Health Fairs - Students	835
b. Number of Health Fairs - Staff	124
18. Total number of community programs presented by you.	
Number of Community Programs	124
19. Total number of home visits regarding student health concerns conducted by you.	
Number of Home Visits	480
20. County-wide Education or School Intervention Teams on which you participate (check all that apply).	
a. Alcohol/Drugs/Substance Abuse	26
b. Crisis Intervention	71
c. Crisis Response	90
d. School Improvement Council	9
e. LSIC or UCIP	16
f. S.B.H. Center	21
g. Disaster Preparedness	74
h. School Wellness	171

i. County Wellness	69	
j. Regional Wellness	7	
k. Other	47	
21. Community Based Committees on which you participate (check all that apply).		
a. Family Resource Network (FRN)	6	
b. Red Cross	19	
c. Disaster Preparedness	44	
d. WV DHHR (local health department, Adolescent Health, Adolescent Pregnancy Prevention, etc.)	20	
e. Oral Health	27	
f. Other	38	
22. Is your health data entered on WVEIS (check appropriate letter)?		
Yes: 272	No: 5	
	No Answer: 22	
23. Who enters health data on WVEIS (check all that apply)?		
	Self: 272	
	Other Staff: 43	
24. Number of immunization records checked by you. Please complete in table for Section I, question 7.		
25. Number of hours spent training and supervising personnel who perform delegated student health care procedures.		
Number of hours spent training and supervising	8,723	
26. Counts of programs or services in which actively participating:		
a. WVDHHR Fluoride Rinse Program	98	
b. Community Schools Program	34	
c. American Dairy Fuel Up to Play 60	70	
d. WVU CARDIAC Program	204	
e. Mobile Dentist	115	
27. School Personnel Screening - Staff Wellness - where you are responsible for supervision/coordination or performance of procedures.		
Services Provided	Number Screened	Number Referred for Evaluation/Follow-up
Blood Pressure	6,949	1,035
PEIA or Staff Wellness	2,007	54
First Aid	4,697	742
Health Counseling	7,717	1,757
Flu Shots	6,813	202
Immunizations	672	53
28. Number of staff development trainings and/or programs presented by you.		
Number of trainings/programs	1,419	
29. Epinephrine Administration		
a. Anaphylactic Reaction (diagnosed)	17	
b. Anaphylactic Reaction (undiagnosed)	4	

30. Number of student encounters/health office visits to RN resulting in the student returning to class or staying in school during the 2014-15 school year.	641,682
31. Number of student encounters/health office visits to the RN resulting in 911 being called or regionally appropriate equivalent during the 2014-15 school year.	757
32. Number of student encounters/health office visits to RN resulting in the student being sent home during the 2014-15 school year.	69,621
33. Number of student encounters/health office visits to LPN resulting in the student returning to class or staying in school during the 2015-2016 school year.	82,806
34. Number of student encounters/health office visits to LPN resulting in 911 being called or regionally appropriate equivalent during the 2015-2016 school year.	143
35. Number of student encounters/health office visits to LPN resulting in student being sent home during the 2015-2016 school year.	12,092
36. Number of student encounters/health office visits to Health aide/UAP (non-RN, non-LPN) resulting in student returning to class or staying in school during the 2015-2016 school year.	42,130
37. Number of student encounters/health office visits to Health aide/UAP (non-RN, non-LPN) resulting in 911 being called or regionally appropriate equivalent during the 2015-2016 school year.	229
38. Number of student encounters/health office visits to Health aide/UAP (non-RN, non-LPN) resulting in student being sent home during the 2015-2016 school year.	12,870

Section II

Total Number of Cases Requiring School Nurse Involvement, Intervention, or Follow-Up

1. Cardiovascular/Blood Disorders	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Heart Problems	73	450	331	339
Hemophilia/Coagulation Disorders	6	51	49	58
Hepatitis	3	12	4	2
Hypertension	3	72	141	320
Immunosuppressed	10	82	41	45
Other Cardiovascular/Blood Disorders	20	104	67	94
2. Central Nervous System/ Neurological	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Cerebral Palsy	46	157	121	119
Epilepsy/Seizures	119	704	490	493
Brain/Spinal Cord Trauma/Infection	13	37	28	54
Hydrocephalic/Microcephalic	22	44	51	23
Migraine/Severe Headache	6	427	794	873
Other Central Nervous System/ Neurological Disorders	21	77	56	47
3. Dermatological	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Severe Burns	1	13	2	2
Burns	1	17	13	128
Other Dermatological Disorders	44	397	186	96
4. Endocrine	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Diabetes - Type I	9	192	297	382
Diabetes - Type II	0	34	85	116
Hypoglycemia not diagnosed as diabetic	5	49	104	131
Adrenal Insufficiency	0	25	14	28
Other Endocrine Disorders	8	56	93	96
5. Eye, Ear, Nose, Throat	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Artificial Eye	1	14	21	4
Other Eye, Ear, Nose, Throat	99	693	522	418

6. Gastrointestinal	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Eating Disorders (Anorexia/Bulimia)	2	11	44	38
Cleft Lip/Palate	15	41	27	23
Obesity (nurse or M.D. diagnosed)	84	1,034	678	1,420
Ulcerative Colitis	0	12	26	50
Special diets (Medically Indicated)	431	1,702	753	468
Other Gastrointestinal Disorders	58	410	344	287
7. Genetic	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Autism	207	871	645	468
Down's Syndrome	21	87	67	63
Tourette's Syndrome	0	46	78	48
Other Genetic Disorders	26	153	91	60
8. Musculoskeletal	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Juvenile Rheumatoid Arthritis	1	54	54	54
Congenital Hip	2	14	9	10
Lordosis, Kyphosis, Scoliosis	1	94	142	126
Muscular Dystrophy	1	14	11	23
Osteogenesis Imperfecta	2	12	6	2
Spina Bifida	6	38	23	33
Other Musculoskeletal Disorders	17	161	119	100
9. Behavior Medicine	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Mental Disorders (Diagnosed Depression, Bipolar, Schizophrenia, Suicidal)	23	406	779	978
Behavioral Disorders (ADD/ADHD- physician treated, Anxiety, OCD/ODD)	175	4,959	4,175	2,452
Other Behavioral Disorders	49	402	358	325
10. Reproductive	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Pregnancies	0	0	17	329
Other Reproductive Disorders	0	14	16	53

11. Respiratory	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Asthma	323	4,557	4,146	3,098
Bronchitis (Chronic)	5	123	66	69
Anaphylactic Reaction (actual/potential for)	171	1,978	1,359	823
Cystic Fibrosis	3	31	24	28
Other Respiratory Disorders	35	372	160	154
12. Urological	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Renal Disease including Nephritis or Nephrotic Syndrome	6	29	36	43
Neurogenic Bladder	5	27	19	27
Other Urological Disorders	14	153	96	65
13. Cancer	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade
Cancer-Malignant (Current Diagnosis/Need School Health Services)	3	24	17	16
Cancer-Nonmalignant (Current Diagnosis/Need for School Health Services)	0	4	8	5

Section III

Total Number of Students Needing Specialized Care/People Trained to Perform Delegated Procedures

	Pre-K	Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade	School Personnel Trained	Contracted Licensed Provider Trained
1. Digestive						
Gastrostomy Tube Bolus Feeding	3	139	11	4	43	7
Gastrostomy Tube Slow Drip and/or Continuous Feeding	1	0	5	1	14	0
Gastrostomy Button Bolus Feeding	10	17	4	6	54	3
Gastrostomy Button Slow Drip and/or Continuous Feeding	0	4	8	2	30	3
Nasogastric Tube Bolus Feeding	2	0	0	0	2	0
Nasogastric Tube Slow Drip and/or Continuous Feeding	0	0	0	0	2	0
Inserting a Nasogastric Tube	0	0	0	0	2	0
Ostomy Care: Emptying/ Changing of Ostomy Pouch	0	1	2	5	15	1
2. Endocrine						
Diabetic Management	9	190	514	2,007	1,591	87
Measurement of Blood Sugar with a Glucometer	10	1,348	1,465	2,177	1,181	89
Insulin by Injection	4	113	670	750	227	74
Insulin Pump/Bolus	5	602	569	1,062	182	49
Glucagon	8	162	268	329	1,274	81
3. Medications						
Adrenal Insufficiency Management	1	18	15	10	121	13
Long-Term Medication Administration	160	7,790	3,124	2,957	2,009	95

		Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade	School Personnel Trained	Contracted Licensed Provider Trained
4. Neurological	Pre-K					
Emergency Medication Administration	208	3,562	2,054	1,231	2,479	79
Administration of Rectal Diazepam	50	281	189	102	1,559	77
Phrenic Nerve Stimulator	0	2	2	0	22	2
Seizure Management	77	478	341	782	2,370	73
		Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade	School Personnel Trained	Contracted Licensed Provider Trained
5. Respiratory	Pre-K					
Vagus Nerve Stimulator	1	8	17	30	198	3
Anaphylactic Reaction	132	1,596	999	625	3,319	86
Epinephrine Auto-Injector (EPI-PEN)	133	1,468	1,009	600	3,590	115
Inhalation Therapy by Machine	37	202	73	36	544	27
Manual Resuscitator	2	2	1	1	168	3
Mechanical Ventilator	2	40	13	0	169	4
Metered Dose Inhaler (MDI) Therapy	117	2,995	2,264	1,578	2,396	77
Oral Suctioning	2	5	3	5	32	2
Oxygen Administration	2	3	4	2	18	8
Peak Flow Meter	2	18	3	1	18	2
Postural Drainage and Percussion	1	2	0	0	2	0
Emergency Care and Cleaning of Tracheostomy Tube and Stoma	3	9	1	1	38	9
Emergency Replacement of Tracheostomy Tube	3	6	1	0	15	6
		Kindergarten to 4th Grade	5th Grade to 8th Grade	9th Grade to 12th Grade	School Personnel Trained	Contracted Licensed Provider Trained
6. Urinary	Pre-K					
Tracheostomy Suctioning - Sterile Technique	2	8	4	1	21	8
Clean Catheterization	7	372	7	6	118	5
Self Catheterization	0	633	12	181	36	7
Sterile Catheterization	0	4	3	0	8	1
Credés Method	0	0	1	1	0	0

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Michael J. Martirano, Ed.D.
State Superintendent of Schools