

**CDC AFM Narrow v1-Limit to Pediatric  
Definition Factsheet & Technical Brief**

**New or Revised Definition:** New

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**Authored by** the NSSP Community of Practice.

**Table 1.** Inclusion and exclusion terms.

Terms	Description
<i>Inclusion</i>	
<b>International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM)</b>	
A80.9	Acute poliomyelitis, unspecified
G04.02	Postimmunization acute disseminated encephalitis, myelitis and encephalomyelitis
G04.89	Other myelitis
G04.91	Myelitis, unspecified
G05.4	Myelitis in diseases classified elsewhere
G12.20	Motor neuron disease, unspecified
G12.29	Other motor neuron disease
G12.8	Other spinal muscular atrophies and related syndromes
G82.20	Paraplegia, unspecified
G82.21	Paraplegia, complete
G82.22	Paraplegia, incomplete
G83.0	Diplegia of upper limbs
G83.82	Anterior cord syndrome
G83.9	Paralytic syndrome, unspecified
<b>SNOMED Concepts</b>	
398102009	Acute poliomyelitis
398256009	Epidemic acute poliomyelitis
398327006	Anterior acute poliomyelitis
446312004	Acute poliomyelitis caused by Human poliovirus 1
429436007	Post-immunization myelitis
426266003	Post-infective myelitis
721245001	Acute flaccid myelitis
74772000	Meningomyelitis
267576008	Encephalitis, myelitis and encephalomyelitis

Terms	Description
29197009	Meningoencephalomyelitis (disorder)
33346005	Granular ependymitis
39367000	Inflammatory disease of the central nervous system
41370002	Myelitis
421315006	Myelitis with acquired immunodeficiency syndrome
713341001	Myelitis co-occurrent with human immunodeficiency virus infection
71981002	Ependymitis (disorder)
8528005	Acute ascending myelitis (disorder)
37340000	Motor neuron disease
711483003	Spinal muscular atrophy with respiratory distress type 1
717964007	Juvenile primary lateral sclerosis
81211007	Primary lateral sclerosis
84590007	Lower motor neuron disease
715565004	Lethal arthrogyriposis co-occurrent with anterior horn cell disease
85672005	Anterior horn cell disease
88923002	Progressive muscular atrophy
95647008	Upper motor neuron disease
230249003	Facioscapulohumeral spinal muscular atrophy
230250003	Facioscapulohumeral spinal muscular atrophy with sensory loss
230253001	Bulbospinal neuronopathy
723612001	Spinal muscular atrophy, Dandy-Walker malformation, cataract syndrome
163604003	Paraplegia finding
163677009	Paraplegia present
163678004	Paraplegia absent
1845001	Paraparesis
23042008	Paraplegia
290401000119108	Complete paraplegia
290411000119106	Incomplete paraplegia
60389000	Paraplegia
609553000	Paralytic syndrome of both lower limbs
698291007	Acute paraplegia
271702003	Acute paraplegia

Terms	Description
698292000	Chronic paraplegia
723158004	Diplegia of lower limbs
84455002	Spinal paraplegia
95651005	Chronic progressive paraparesis
97391000119102	Paraplegia with neurogenic bladder
163606001	Diplegia finding
54099005	Diplegia of upper limbs
6481005	Diplegia
723156000	Flaccid diplegia of upper limbs
129614001	Paralysis of vagus, spinal accessory and hypoglossal nerves
48163001	Tripareisis
50314001	Partial bilateral paresis
702463005	Paralytic syndrome of two limbs
702464004	Paralytic syndrome of three limbs
702465003	Paralytic syndrome on both sides of the body
78119002	Complete bilateral paresis
78357006	Motor level spinal weakness
88715005	Monoparesis
9753004	Triplegia
127378008	Monoplegia
162241004	Monoparesis
163598001	Monoplegia finding
23728006	Partial bilateral paralysis
25045008	Motor level spinal paralysis
29188005	Complete bilateral paralysis
29426003	Paralytic syndrome
39157001	Flaccid paralysis
409624004	Incomplete paralysis
425491009	Flaccid paralysis
44695005	Paralysis
698293005	Acute flaccid paralysis
<b>Chief Complaint</b>	

Terms	Description
Acute Flac	
acuteflac	
AFM	
A F M	
M[ye][ye]li	
Mialitis	
<b>Chief Complaint – Nested Together with AND</b>	
Muscle	
Weak	
<b>Chief Complaint</b>	
Leg weak	
arm weak	
extremity weak	
ext weak	
limb weak	
weakness in limb	
weakness in leg	
weakness in arm	
weakness in ext	
weak leg	
weak arm	
weak extrem	
weak ext	
weak limb	
plegia	
<b>Chief Complaint – Limb Abbreviation Group Nested Together with AND “weak”</b>	
RLE	
LLE	
RUE	
LUE	
weak	
<i>Exclusion</i>	

Terms	Description
<b>Chief Complaint – Exclusion Applied to AFM Text Group</b>	
Afmitt	
<b>Chief Complaint – Exclusion Applied to A F M Text Group</b>	
A F[a-z]M	
A[a-z]F M	
A F MVC	
A F MVA	
A F Motor	
<b>Chief Complaint – Exclusion Applied to Myelitis/Myeli Text Group</b>	
Osteom[ye][ye]	
dem[ye][ye]lin	
<b>Chief Complaint – Exclusion Applied to Weakness Text Group</b>	
Denies	
Stroke	
Ischem	
heart attack	
AMI	
Infarct	
abf	
blood flow	
angina	
Sepsis	
Ulcer	
Cellulitis	
Bleed	
Back pain	
Back spasm	
Sciatic	
paresthes	
Testical pain	
CVA	
Cerebrovascular accident	

Terms	Description
Seizure	
Reaction	
Disc	
Confusion	
Stenosis	
Necrotic	
Urinary tract	
UTI	
Physical Therapy	
Vasc	
Numb	
Syncope	
Neoplasm	
Tumor	
clot	
spastic	

**Table 2.** ESSENCE syntax.

^Acute\_Flac^,or,^acuteflac^,or,^AFM^,andnot,^Afmit^,Or,^A\_F\_M^,ANDNOT,(,^A\_F[a-z]M^,or,^A[a-z]F\_M^,or,^A\_F\_MVC^,or,^A\_F\_MVA^,or,^A\_F\_Motor^),Or,(,^M[ye][ye]li^,or,^Mialitis^),ANDNOT,(,^Osteom[ye][ye]^,or,^dem[ye][ye]lin^),or,(, (^Muscle^,and,^Weak^),or,^Leg weak^,or,^arm weak^,or,^extremity weak^,or,^ext weak^,or,^limb weak^,or,^weakness in limb^,or,^weakness in leg^,or,^ weakness in arm^,or,^weakness in ext^,or,^weak leg^,or,^weak arm^,or,^weak extrem^,or,^weak ext^,or,^weak limb^,or,^plegia^,or, (^,^ [ ;/RLE[ ;/ ]^,or,^ [ ;/LLE[ ;/ ]^,or,^ [ ;/RUE[ ;/ ]^,or,^ [ ;/LUE[ ;/ ]^,or,^RLE[ ;/ ]^,or,^LLE[ ;/ ]^,or,^RUE[ ;/ ]^,or,^LUE[ ;/ ]^,or,^ [ ;/RLE,or,^ [ ;/LLE,or,^ [ ;/RUE,or,^ [ ;/LUE,^),AND,(,^weak^,^),),ANDNOT, (^,^Denies^,or,^Stroke^,or,^Ischem^,or,^heart attack^,or,^AMI^,or,^Infarct^,or,^abf^,or,^blood flow^,or,^angina^,or,^Sepsis^,or,^Ulcer^,or,^Cellulitis^,or,^Bleed^,or,^Back pain^,or,^Back spasm^,or,^Sciatic^,or,^paresthes^,or,^Testical pain^,or,^CVA^,or,^Cerebrovascular accident^,or,^Seizure^,or,^Reaction^,or,^Disc^,or,^Confusion^,or,^Stenosis^,or,^Necrotic^,or,^Urinary tract^,or,^UTI^,or,^Physical Therapy^,or,^Vasc^,or,^Numb^,or,^Syncope^,or,^Neoplasm^,or,^Tumor^,or,^clot^,or,^spastic^),or, (^,^ [ ;/ ]A809^,or,^ [ ;/ ]G0402^,or,^ [ ;/ ]G0489^,or,^ [ ;/ ]G0491^,or,^ [ ;/ ]G054^,or,^ [ ;/ ]G1220^,or,^ [ ;/ ]G1229^,or,^ [ ;/ ]G128^,or,^ [ ;/ ]G128^,or,^ [ ;/ ]G8220^,or,^ [ ;/ ]G8221^,or,^ [ ;/ ]G8222^,or,^ [ ;/ ]G830^,or,^ [ ;/ ]G8382^,or,^ [ ;/ ]G839^,or,^ [ ;/ ]A80.9^,or,^ [ ;/ ]G04.02^,or,^ [ ;/ ]G04.89^,or,^ [ ;/ ]G04.91^,or,^ [ ;/ ]G05.4^,or,^ [ ;/ ]G12.20^,or,^ [ ;/ ]G12.29^,or,^ [ ;/ ]G12.8^,or,^ [ ;/ ]G12.8^,or,^ [ ;/ ]G82.20^,or,^ [ ;/ ]G82.21^,or,^ [ ;/ ]G82.22^,or,^ [ ;/ ]G83.0^,or,^ [ ;/ ]G83.82^,or,^ [ ;/ ]G83.9^,^),or,^ [ ;/ ]398102009[ ;/ ]^,or,^ [ ;/ ]398256009[ ;/ ]^,or,^ [ ;/ ]398327006[ ;/ ]^,or,^ [ ;/ ]446312004[ ;/ ]^,or,^ [ ;/ ]429436007[ ;/ ]^,or,^ [ ;/ ]426266003[ ;/ ]^,or,^ [ ;/ ]721245001[ ;/ ]^,or,^ [ ;/ ]74772000[ ;/ ]^,or,^ [ ;/ ]267576008[ ;/ ]^,or,^ [ ;/ ]29197009[ ;/ ]^,or,^ [ ;/ ]33346005[ ;/ ]^,or,^ [ ;/ ]39367000[ ;/ ]^,or,^ [ ;/ ]41370002[ ;/ ]^,or,^ [ ;/ ]421315006[ ;/ ]^,or,^ [ ;/ ]713341001[ ;/ ]^,or,^ [ ;/ ]71981002[ ;/ ]^,or,^ [ ;/ ]8528005[ ;/ ]^,or,^ [ ;/ ]37340000[ ;/ ]^,or,^ [ ;/ ]711483003[ ;/ ]^,or,^ [ ;/ ]717964007[ ;/ ]^,or,^ [ ;/ ]81211007[ ;/ ]^,or,^ [ ;/ ]84590007[ ;/ ]^,or,^ [ ;/ ]715565004[ ;/ ]^,or,^ [ ;/ ]85672005[ ;/ ]^,or,^ [ ;/ ]88923002[ ;/ ]^,or,^ [ ;/ ]95647008[ ;/ ]^,or,^ [ ;/ ]230249003[ ;/ ]^,or,^ [ ;/ ]230250003[ ;/ ]^,or,^ [ ;/ ]230253001[ ;/ ]^,or,^ [ ;/ ]723612001[ ;/ ]^,or,^ [ ;/ ]163604003[ ;/ ]^,or,^ [ ;/ ]163677009[ ;/ ]^,or,^ [ ;/ ]163678004[ ;/ ]^,or,^ [ ;/ ]1845001[ ;/ ]^,or,^ [ ;/ ]23042008[ ;/ ]^,or,^ [ ;/ ]290401000119108[ ;/ ]^,or,^ [ ;/ ]290411000119106[ ;/ ]^,or,^ [ ;/ ]60389000[ ;/ ]^,or,^ [ ;/ ]609553000[ ;/ ]^,or,^ [ ;/ ]698291007[ ;/ ]^,or,^ [ ;/ ]271702003[ ;/ ]^,or,^ [ ;/ ]698292000[ ;/ ]^,or,^ [ ;/ ]723158004[ ;/ ]^,or,^ [ ;/ ]84455002[ ;/ ]^,or,^ [ ;/ ]95651005[ ;/ ]^,or,^ [ ;/ ]97391000119102[ ;/ ]^,or,^ [ ;/ ]163606001[ ;/ ]^,or,^ [ ;/ ]54099005[ ;/ ]^,or,^ [ ;/ ]6481005[ ;/ ]^,or,^ [ ;/ ]723156000[ ;/ ]^,or,^ [ ;/ ]129614001[ ;/ ]^,or,^ [ ;/ ]48163001[ ;/ ]^,or,^ [ ;/ ]50314001[ ;/ ]^,or,^ [ ;/ ]702463005[ ;/ ]^,or,^ [ ;/ ]702464004[ ;/ ]^,or,^ [ ;/ ]702465003[ ;/ ]^,or,^ [ ;/ ]78119002[ ;/ ]^,or,^ [ ;/ ]78357006[ ;/ ]^,or,^ [ ;/ ]88715005[ ;/ ]^,or,^ [ ;/ ]9753004[ ;/ ]^,or,^ [ ;/ ]127378008[ ;/ ]^,or,^ [ ;/ ]162241004[ ;/ ]^,or,^ [ ;/ ]163598001[ ;/ ]^,or,^ [ ;/ ]23728006[ ;/ ]^,or,^ [ ;/ ]25045008[ ;/ ]^,or,^ [ ;/ ]29188005[ ;/ ]^,or,^ [ ;/ ]29426003[ ;/ ]^,or,^ [ ;/ ]39157001[ ;/ ]^,or,^ [ ;/ ]409624004[ ;/ ]^,or,^ [ ;/ ]425491009[ ;/ ]^,or,^ [ ;/ ]44695005[ ;/ ]^,or,^ [ ;/ ]698293005[ ;/ ]^,or,^ [ ;/ ]50314001[ ;/ ]^,or,^ [ ;/ ]702463005[ ;/ ]^,or,^ [ ;/ ]702464004[ ;/ ]^,or,^ [ ;/ ]702465003[ ;/ ]^,or,^ [ ;/ ]78119002[ ;/ ]^,or,^ [ ;/ ]78357006[ ;/ ]^,or,^ [ ;/ ]88715005[ ;/ ]^,or,^ [ ;/ ]9753004[ ;/ ]^