

**CDC AFM Broad 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>	
International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM)	
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
R53.1	Weakness
R29.810	Facial weakness
M62.81	Muscle weakness (generalized)
SNOMED Concepts	
398102009	Acute poliomyelitis (disorder)
398256009	Epidemic acute poliomyelitis
398327006	Anterior acute poliomyelitis
446312004	Acute poliomyelitis caused by Human poliovirus 1
429436007	Post-immunization myelitis (disorder)
426266003	Post-infective myelitis (disorder)

Terms	Description
721245001	Myelitis caused by bacterium (disorder)
74772000	Meningomyelitis
267576008	Encephalitis, myelitis and encephalomyelitis
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
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 arthrogryposis 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 (disorder)
230253001	Bulbospinal neuronopathy
723612001	Spinal muscular atrophy, Dandy-Walker malformation, cataract syndrome
163604003	On examination - paraplegia (disorder)
163677009	On examination - paraplegic in flexion (finding)
163678004	On examination - paraplegic in extension (finding)
1845001	Paraparesis (disorder)
23042008	Spinal paraparesis (finding)
290401000119108	Complete paraplegia (disorder)
290411000119106	Incomplete paraplegia (disorder)
60389000	Paraplegia (disorder)

Terms	Description
609553000	Paralytic syndrome of bilateral lower limbs (disorder)
698291007	Acute paraplegia (disorder)
271702003	Posture paraplegic in flexion (finding)
698292000	Chronic paraplegia (disorder)
723158004	Diplegia of lower limbs (disorder)
84455002	Spinal paraplegia (disorder)
95651005	Chronic progressive paraparesis (disorder)
97391000119102	Paraplegia with neurogenic urinary bladder (disorder)
163606001	On examination - diplegia (disorder)
54099005	Diplegia of upper limbs
6481005	Diplegia
723156000	Flaccid diplegia of upper limbs (disorder)
129614001	Paralysis of vagus, spinal accessory and hypoglossal nerves (disorder)
48163001	Triparesis
50314001	Partial bilateral paresis (finding)
702463005	Paralytic syndrome of two limbs (disorder)
702464004	Paralytic syndrome of three limbs (disorder)
702465003	Paralytic syndrome on both sides of the body (disorder)
78119002	Complete bilateral paresis (finding)
78357006	Motor level spinal weakness (finding)
88715005	Complete unilateral paralysis (situation)
9753004	Triplegia (disorder)
127378008	Bilateral paresis (finding)
162241004	Paralysis present (situation)
163598001	On examination - paralysis (finding)
23728006	Partial bilateral paralysis (disorder)
25045008	Motor level spinal paralysis (finding)
29188005	Complete bilateral paralysis (disorder)
29426003	Paralytic syndrome
39157001	Flaccid paralysis (finding)
409624004	Incomplete paralysis (finding)
425491009	Contracture of gastrocnemius muscle due to paralysis (disorder)

Terms	Description
44695005	Paralysis (finding)
698293005	Acute flaccid paralysis (finding)
Chief Complaint	
Acute_Flac	
acuteflac	
AFM	
A_F_M	
M[ye][ye]li	
Mialitis	
weak	
Chief Complaint – Virus Group	
Aden virus	
WNV	
W_N_V	
West Nile	
Polio	
Enter virus	
EV68	
EV_68	
Picorna	
EV_71	
EVA_71	
EVA71	
coxsack	
Exclusion	
Chief Complaint	
Afmit	
A_F[a-z]M	
A[a-z]F_M	
A_F_MVC	
A_F_MVA	
A_F_Motor	

Terms	Description
w n/v	
w/n/v	
w_n[a-z]v	
w[a-z]n_v	
Vacc	
Shot	

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^),or,^weak^,or,(,^Aden^virus^,or,^WNV^,or,^W_N_V^,ANDNOT,(,^w n/v^,or,^w/n/v^,or,^w_n[a-z]v^,or,^w[a-z]n_v^),or,^West^Nile^,or,^Polio^,or,^Enter^virus^,or,^EV68^,or,^EV_68^,or,^Picorna^,or,^EV_71^,or,^EVA_71^,or,^EVA71^,or,^EVA_71^,or,^coxsack^),ANDNOT,(,^Vacc^,or,^Shot^),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^,or,^R53.1^,or,^R29.810^,or,^M62.81^,or,^R531^,or,^R29810^,or,^M6281^