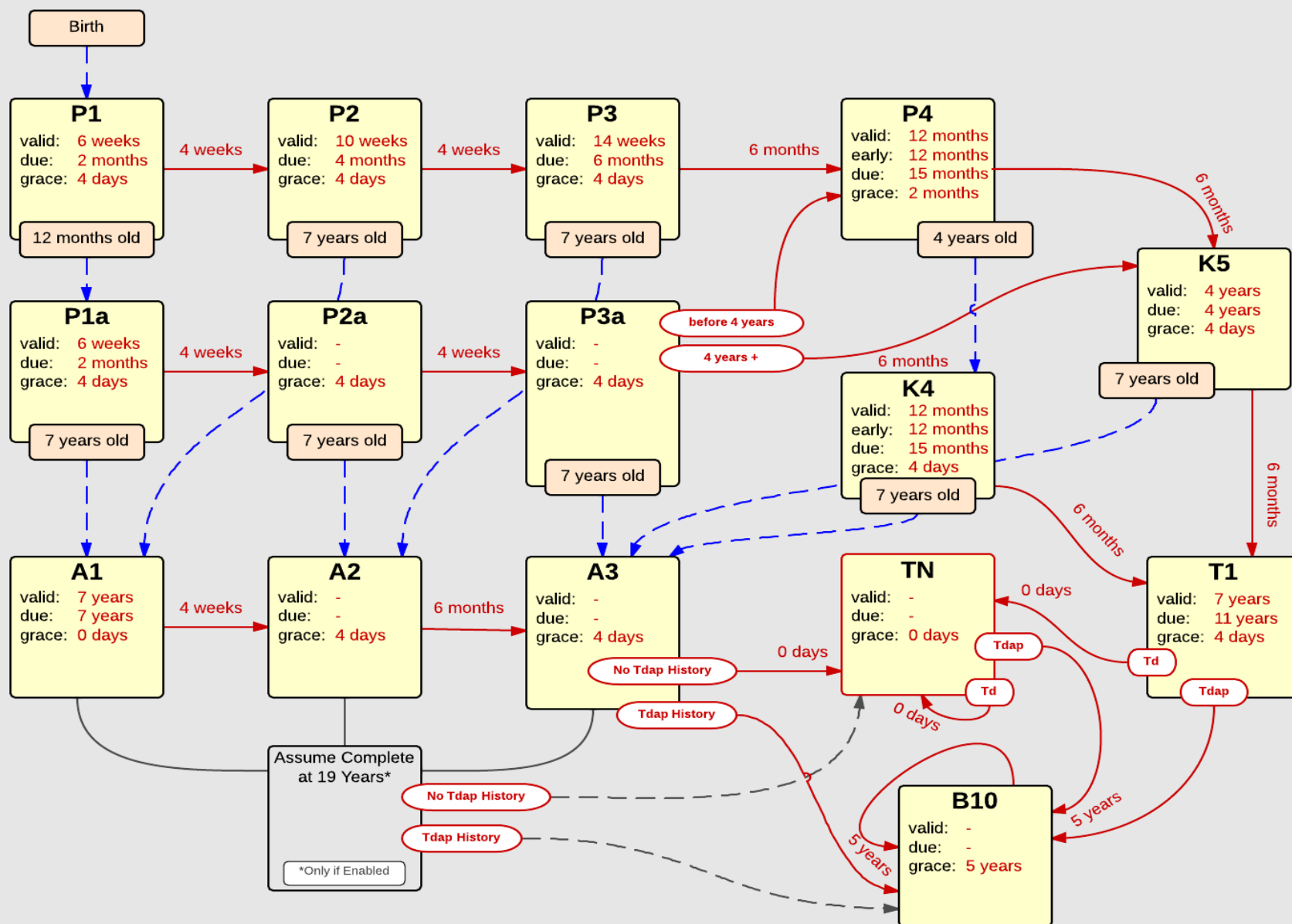


Forecast Series Name		Diphtheria
Vaccines	Vaccine Ids	
Child	110, 112, 114, 115, 116, 2060, 111, 2070, 113, 121, 1150, 142	
Adult	122, 124, 123	
Td	122, 124	
Tdap	123, 110, 114, 113, 115, 116, 121, 2060, 111, 2070	
Assume Comp	-110	
12 Months Old	-12	
4 Years Old	-4	
7 Years Old	-7	

7 years

Transitions		
Name	Age	Vaccine Id
12 Months Old	12 months	-12
4 Years Old	4 years	-4
7 Years Old	7 years	-7

Vaccines		
Vaccine	Trade Name(s)	Id
DT		112
DTaP		110
DTaP-HepB-IPV	Pediarix	114
DTaP-Hib	TriHibit	113
DTaP-Hib-IPV	Pentacel	115
DTaP-IPV	Kinrix	116
DTP-Hib	Tetramune	121
DTP		2060
DTP		111
DTP		2070
Td		122
Td Preservative free		124
DTP-Hib-HepB		1150
DTaP-IPV-Hib-HepB	Pentavalente	142
Tdap	Boostrix, Adecel	123



Schedule	Dose	Indication	2 months
P1	1	BIRTH	
Determine if dose is valid or when next is due			
	Age	Interval	Grace
Valid	6 weeks		4 days
Early due	6 weeks		
Due	2 months		
Overdue	3 months		
Finished	150 years		
After invalid dose		0 days	
Dose before previous			
If valid, pick the next schedule to use			
Vaccine	Schedule	Before Age	History Of
12 Months Old	P1a		
Child	P2		
Adult	INVALID		
Show Column	1		
Show Row	1		

Schedule		Dose		4 months	
P2		2			
Determine if dose is valid or when next is due					
	Age		Interval		Grace
Valid	10 weeks		4 weeks		4 days
Early due					
Due	4 months				
Overdue	5 months				
Finished	150 years				
After invalid dose			4 weeks		4 days
Dose before previous					
If valid, pick the next schedule to use					
Vaccine		Schedule		Before Age	History Of
7 Years Old		A1			
Child		P3			
Adult		INVALID			
Show Column	2				
Show Row	1				

Schedule		Dose		6 months
P3	3			
Determine if the vaccination is valid or when next is due				
	Age	Interval	Grace	
Valid	14 weeks	4 weeks	4 days	
Early due				
Due	6 months			
Overdue	7 months			
Finished	150 years			
After invalid dose		4 weeks	4 days	
Dose before previous				
If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	
7 Years Old	A2			
Child	P4			
Adult	INVALID			
Show Column	3			
Show Row	1			

Schedule		Dose		15-18 months
P4		4		
Determine if the vaccination is valid or when next is due				
	Age	Interval	Grace	
Valid	12 months	6 months	2 months	
Early due	12 months			
Due	15 months			
Overdue	19 months			
Finished	150 years			
After invalid dose		6 months	2 months	
Dose before previous				
If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	
4 Years Old	K4			
Child	K5			
Adult	K5			
Show Column	4			
Show Row	1			

Schedule	Dose	1st catchup	
P1a	1		

Determine if dose is valid or when next is due			
	Age	Interval	Grace
Valid	6 weeks		4 days
Early due	6 weeks		
Due	2 months		
Overdue	3 months		
Finished	150 years		
After invalid dose		0 days	
Dose before previous			

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
7 Years Old	A1			Patient reached 7 years of age without receiving one valid dose of DTaP, moving to adult catchup
Child	P2a			
Adult	INVALID			Td or Tdap should not be given before 7 years of age.
Show Column	1			
Show Row	2			

Schedule	Dose	2nd catchup	
P2a	2		

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid		4 weeks	4 days
Early due			
Due		4 weeks	
Overdue		4 weeks	
Finished	150 years		
After invalid dose		4 weeks	4 days
Dose before previous			

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
7 Years Old	A2			Patient reached 7 years of age, only receiving one valid dose of DTaP after 12 months, moving to
Child	P3a			
Adult	INVALID			
Show Column	2			
Show Row	2			

Schedule	Dose	3rd catchup	
P3a	3		

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid		4 weeks	4 days
Early due			
Due		4 weeks	
Overdue		4 weeks	
Finished	150 years		
After invalid dose		4 weeks	4 days
Dose before previous			

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
7 Years Old	A3			Patient reached 7 years of age, only receiving two valid doses of DTaP after 12 months, moving to
Child	P4	4 years		
Child	K5			Patient received 3rd valid dose after 4 years of age, now expecting final DTaP booster.
Adult	INVALID			
Show Column	3			
Show Row	2			

Schedule	Dose	catchup kindergarten booster	
K4	B		

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	12 months	6 months	2 months
Early due	12 months		
Due	15 months		
Overdue	19 months		
Finished	150 years		
After invalid dose		6 months	4 days
Dose before previous			

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
7 Years Old	A3			Patient reached 7 years of age without receiving kindergarten booster after age 4 years, moving to
Child	T1			
Adult	T1			Td or Tdap should not be given before 7 years of age.
Show Column	4			
Show Row	1			

Schedule		Dose	kindegarten booster	
K5	B			
Determine if the vaccination is valid or when next is due				
	Age	Interval	Grace	
Valid	4 years	6 months		
Early due				
Due	4 years			
Early overdue	6 years			
Overdue	7 years			
Finished	150 years			
After invalid dose		6 months	4 days	
Dose before previous				
If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	
7 Years Old	A3			
Child	T1			
Adult	T1			
Show Column	5			
Show Row	2			

Schedule		Dose	10-year booster	
B10	B			
Determine if the vaccination is valid or when next is due				
	Age	Interval	Grace	
Valid		5 years	5 years	
Early due				
Due		10 years		
Overdue		11 years		
Finished	150 years			
After invalid dose		5 years	5 years	
Dose before previous				
If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	
Child	B10			
Adult	B10			
Show Column	4			
Show Row	4			

Schedule		Dose	1st adult	
A1		1		
Determine if dose is valid or when next is due				
	Age	Interval	Grace	
Valid	7 years		0 days	
Early due				
Due	7 years			
Overdue	7 years			
Finished	150 years			
After invalid dose		0 days		
Dose before previous				
If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	
Child	A2			
Adult	A2			
Assume Comp	B10		Tdap	
Assume Comp	TN			
Show Column	1			
Show Row	3			

Schedule		Dose	2nd adult	
A2		2		
Determine if the vaccination is valid or when next is due				
	Age	Interval	Grace	
Valid		4 weeks	4 days	
Early due				
Due		4 weeks		
Overdue		4 weeks		
Finished	150 years			
After invalid dose		4 weeks	4 days	
Dose before previous				
If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	
Child	A3			
Adult	A3			
Assume Comp	B10		Tdap	
Assume Comp	TN			
Show Column	2			
Show Row	3			



Schedule	Dose	3rd adult	
A3	3		
Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	7 years	6 months	4 days
Early due			
Due		6 months	
Overdue		6 months	
Finished	150 years		
After invalid dose		6 months	2 months
Dose before previous			
If valid, pick the next schedule to use			
Vaccine	Schedule	Before Age	History Of
Child	B10		Tdap
Adult	B10		Tdap
Tdap	B10		
Assume Comp	B10		Tdap
Child	TN		
Adult	TN		
Assume Comp	TN		
Show Column	3		
Show Row	3		

Schedule	Dose	Tdap Now	
TN	B		

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	7 years	0 days	
Early due			
Due	7 years		
Overdue	7 years		
Finished	150 years		
After invalid dose		0 days	
Dose before previous			

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
Child	TN			Child vaccine should not be given after 7 years of age, Tdap should be administered as soon as possible.
Adult	B10		Tdap	
Tdap	B10			
Adult	TN			Tdap should be administered as soon as possible.
Show Column	4			
Show Row	3			

Schedule	Dose	First Tdap	
T1	B		

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	7 years	0 days	
Early due			
Due	11 years		
Overdue	13 years		
Finished	150 years		
After invalid dose		0 days	
Dose before previous			

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
Child	TN			Child vaccine should not be given after 7 years of age, Tdap should be administered as soon as possible.
Adult	B10		Tdap	
Tdap	B10			
Adult	TN			Tdap should be administered as soon as possible.
Show Column	5			
Show Row	3			