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
Assume Comp	-110

NOTE: This schedule represents both Diphtheria and Tetanus

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
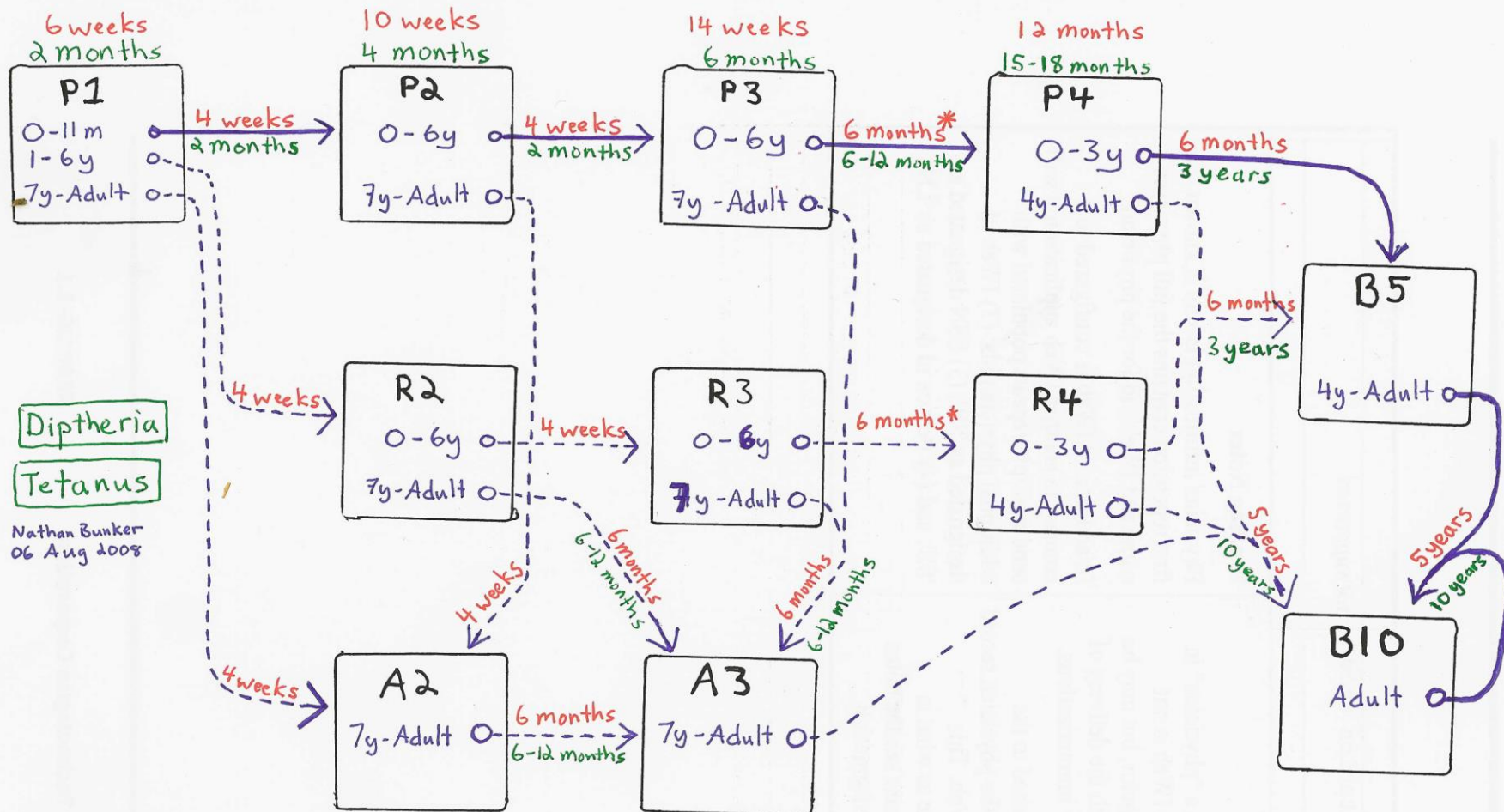
Schedule	Dose	Indication	2 months
P1	1	BIRTH	

Determine if dose is valid or when next is due			
	Age	Interval	Grace
Valid	6 weeks		4 days
Early due			
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
Child	P2	12 months		
Child	R2	7 years		Series started late, moving to accelerated schedule.
Child	A2			Child vaccine should not be given after 7 years of age.
Td	INVALID	12 months		Td should not be given before 7 years of age.
Td	INVALID	7 years		Td should not be given before 7 years of age.
Adult	INVALID	7 years		Adult vaccine can not be given before 7 years of age.
Adult	A2			Starting adult series without indication of childhood vaccination.
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 1(
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
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	Reason
Child	P3	7 years		
Child	A2			Child vaccine should not be given after 7 years of age.
Td	INVALID	7 years		Td should not be given before 7 years of age.
Adult	INVALID	7 years		Adult vaccine can not be given before 7 years of age.
Adult	A2			Changing to adult vaccine schedule.
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 10
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
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	Reason
Child	P4	7 years		
Child	A3			Child vaccine should not be given after 7 years of age.
Td	INVALID	7 years		Td should not be given before 7 years of age.
Adult	INVALID	7 years		Adult vaccine can not be given before 7 years of age.
Adult	A3			Changing to adult vaccine schedule.
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 10
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
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	Reason
Child	INVALID	12 months		4th dose is not valid if given before 12 months of age
Child	B5	4 years		
Child	B6	7 years		Received 4th dose on or after 4 years of age, 5th dose not required.
Child	B6			Child vaccine should not be given after 7 years of age.
Adult	INVALID	12 months		4th dose is not valid if given before 12 months of age
Adult	B5	4 years		Adult dose should not be given before 7 years of age.
Adult	B6	7 years		Adult dose should not be given before 7 years of age. Received 4th dose on or after 4 years of age
Adult	B6			Changing to adult vaccine schedule.
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 10
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
Show Column	4			
Show Row	1			

Schedule	Dose	2nd catchup
R2	2	

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	12 months	4 weeks	4 days
Early due			
Due	14 months		
Overdue	15 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	Reason
Child	R3	7 years		
Child	A3			Child vaccine should not be given after 7 years of age.
Td	INVALID	7 years		Td should not be given before 7 years of age.
Adult	INVALID	7 years		Adult vaccine can not be given before 7 years of age.
Adult	A3			Changing to adult vaccine schedule.
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 10
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
Show Column	2			
Show Row	2			

Schedule	Dose		3rd catchup
R3	3		

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	14 months	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
Child	R4	6 years		
Child	A3	7 years		Too late to complete childhood series, switching to adult schedule.
Child	A3			Child vaccine should not be given after 7 years of age.
Td	INVALID	6 years		Td should not be given before 7 years of age.
Td	INVALID	7 years		
Adult	INVALID	7 years		Adult vaccine can not be given before 7 years of age.
Adult	B6			Changing to adult vaccine schedule.
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 1C
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
Show Column	3			
Show Row	2			

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Schedule	Dose		
B10	B	10-year booster	

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	11 years	5 years	3 years
Early due			
Due		10 years	
Overdue		11 years	
Finished	150 years		
After invalid dose		2 years	4 days
Dose before previous			

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
Child	B10			Child vaccine should not be given has booster.
Td	B10	7 years		Td should not be given before 7 years of age.
Adult	INVALID	7 years		Adult vaccine can not be given before 7 years of age.
Adult	B10			
Show Column	5			
Show Row	4			

Schedule	Dose		2nd adult
A2	2		

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	7 years	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
Child	A3			Child vaccine should not be given after 7 years of age.
Td	INVALID	7 years		Td should not be given before 7 years of age.
Adult	INVALID	7 years		Adult vaccine can not be given before 7 years of age.
Adult	A3			
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 10
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
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		13 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	Reason
Child	B10			Child vaccine should not be given after 7 years of age.
Td	INVALID	7 years		Td should not be given before 7 years of age.
Adult	INVALID	7 years		Adult vaccine can not be given before 7 years of age.
Td	T10			Tdap should be administered as soon as possible.
Adult	B10			
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 10
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
Show Column	3			
Show Row	3			

Schedule	Dose		4th catchup	
R4	4			

Determine if the vaccination is valid or when next is due				
	Age	Interval	Grace	
Valid	16 months	6 months	2 months	
Early due				
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	Reason
Child	B5	4 years		
Child	B6	7 years		
Child	B10			Child vaccine should not be given after 7 years of age.
Adult	B5	4 years		Adult vaccine can not be given before 7 years of age.
Adult	B6	7 years		Adult vaccine can not be given before 7 years of age.
Td	T10			Tdap should be administered as soon as possible.
Adult	B10			
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 10
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
Show Column	4			
Show Row	2			

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Schedule	Dose
B6	B

Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	11 years	5 years	3 years
Early due			
Due	11 years		
Overdue	13 years		
Finished	150 years		
After invalid dose		5 years	4 days
Dose before previous			

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
Child	B10			Child vaccine should not be given after 7 years of age.
Td	B10	7 years		Td should not be given before 7 years of age.
Adult	INVALID	7 years		Adult vaccine can not be given before 7 years of age.
Td	T10			Tdap should be administered as soon as possible.
Adult	B10			
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 10
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
Show Column	5			
Show Row	2			

Schedule	Dose	1st Tdap
T10	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	B10			Child vaccine should not be given after 7 years of age.
Td	T10			Tdap should be administered as soon as possible.
Adult	B10			
Assume Comp	B10		Tdap	Tdap already given, and assuming adult received full DTaP series as a child, moving to regular 10
Assume Comp	T10			Assuming adult received full DTaP series as a child but did not receive Tdap.
Show Column	5			
Show Row	3			