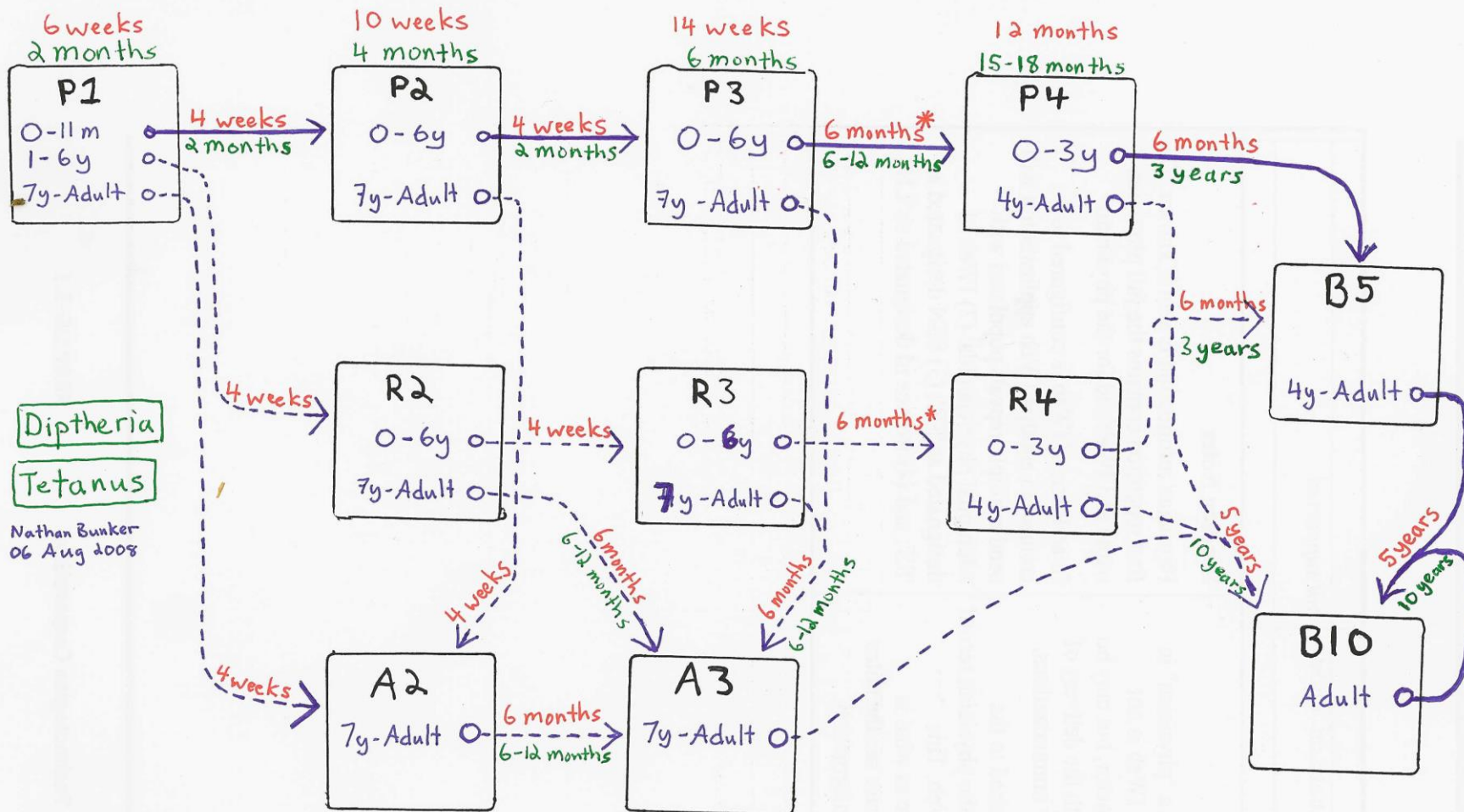


Forecast Series Name		Diphtheria
Vaccines	Vaccine Ids	
Child	110, 112, 114, 115, 116, 2060, 111, 2070, 113, 121, 1150, 142	
Adult	122, 124, 123	
Td	122, 124	
Assume Comp	-110	

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	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		Assuming adult received full DTaP series as a child, moving to regular 10 year booster schedule.
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	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 cannot be given before 7 years of age.
Adult	A2		Changing to adult vaccine schedule.
Assume Comp	B10		Assuming adult received full DTaP series as a child, moving to regular 10 year booster schedule.
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	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 cannot be given before 7 years of age.
Adult	A3		Changing to adult vaccine schedule.
Assume Comp	B10		Assuming adult received full DTaP series as a child, moving to regular 10 year booster schedule.
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	Reason
Child	INVALID	12 months	4 <sup>th</sup> dose is not valid if given before 12 months of age
Child	B5	4 years	
Child	B6	7 years	Received 4 <sup>th</sup> dose on or after 4 years of age, 5 <sup>th</sup> dose not required.
Child	B6		Child vaccine should not be given after 7 years of age.
Adult	INVALID	12 months	4 <sup>th</sup> 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 4 <sup>th</sup> dose on or after 4 years of age, 5 <sup>th</sup> dose not required.
Adult	B6		Changing to adult vaccine schedule.
Assume Comp	B10		Assuming adult received full DTaP series as a child, moving to regular 10 year booster schedule.

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	Reason		
Child	R3	7 years			
Child	A3		Child vaccine sho		
Td	INVALID	7 years	Td should not be		
Adult	INVALID	7 years	Adult vaccine can		
Adult	A3		Changing to adult		
Assume Comp	B10		Assuming adult re		
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	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 cannot be given before 7 years of age.
Adult	B6		Changing to adult vaccine schedule.
Assume Comp	B10		Assuming adult received full DTaP series as a child, moving to regular 10 year booster schedule.
Show Column	3		
Show Row	2		



Schedule	Dose	booster (5 <sup>th</sup> )	
B5	5		
Determine if the vaccination is valid or when next is due			
	Age	Interval	Grace
Valid	4 years	6 months	
Early due			
Due	4 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	Reason
Child	B6	7 years	
Child	B6		Child vaccine should not be given after 7 years of age.
Adult	B6	7 years	Adult vaccine should not be given before 7 years of age.
Adult	B6	11 years	
Adult	B10		
Assume Comp	B10		Assuming adult received full DTaP series as a child, moving to regular 10 year booster schedule.
Show Column	5		
Show Row	1		

Schedule		Dose		10-year booster
B10	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		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	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	3			

2<sup>nd</sup> adult

Schedule	Dose
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	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		Assuming adult received full DTaP series as a child, moving to regular 10 year booster schedule.

Show Column	2
Show Row	3

3<sup>rd</sup> adult

Schedule	Dose
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	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.
Adult	B10		
Assume Comp	B10		Assuming adult received full DTaP series as a child, moving to regular 10 year booster schedule.

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	Reason		
Child	B5	4 years			
Child	B6	7 years			
Child	B10		Child vaccine sho		
Adult	B5	4 years	Adult vaccine can		
Adult	B6	7 years	Adult vaccine can		
Adult	B10				
Assume Comp	B10		Assuming adult re		
Show Column	4				
Show Row	2				

6<sup>th</sup>

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	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.
Adult	B10		
Assume Comp	B10		Assuming adult received full DTaP series as a child, moving to regular 10 year booster schedule.
Show Column	5		
Show Row	2		

Schedule		Dose	10-year Tdap booster	
T10		B		
Determine if the vaccination is valid or when next is due				
	Age	Interval	Grace	
Valid		4 weeks		
Early due				
Due		1 month		
Overdue		1 year		
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	Reason	
Td	T10			
Adult	B10			
Show Column	5			
Show Row	4			