Forecast Series Name	Pneumo
Vaccines	**Vaccine Ids**
PCV	154, 156, 3143
12 Months Old	-12

Vaccines		
Vaccine	**Trade Name(s)**	**Id**
PCV7		154
Pneumococcal, NOS		156
PPV23		155
PCV13		3143

Transitions		
Name	**Age**	**Vaccine Id**
12 Months Old	12 months	-12
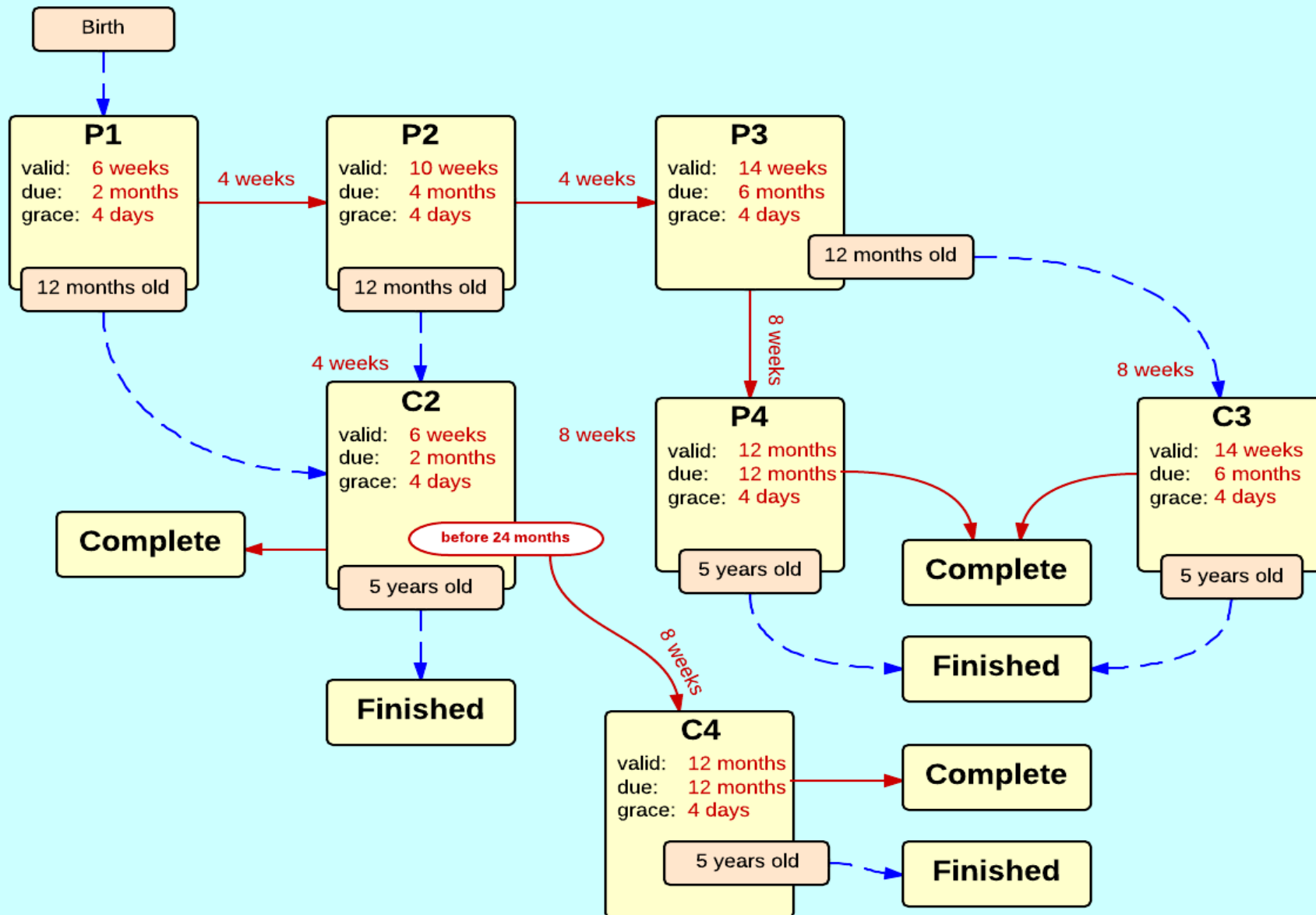
Schedule	Dose	Indication	2 months
P1	1	BIRTH	

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	5 years		
After invalid dose		0 days	
Dose before previous			

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
PCV	P2			
12 Months Old	C2			First valid dose not received by 12 months of age, only 2 doses needed now.
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	5 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
PCV	P3			
12 Months Old	C2			Second valid dose was not received by 12 months of age, only 2 more doses needed now.
Show Column	2			
Show Row	1			

Schedule	Dose	6 months		
P3	3			

Determine if dose 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	5 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
PCV	P4			
12 Months Old	C3			Third valid dose was not received by 12 months of age, the third and final dose should be given as soon as possible.
Show Column	3			
Show Row	1			

Schedule	Dose	booster		
P4	B			

Determine if dose is valid or when next is due				
	Age	Interval	Grace	
Valid	12 months	8 weeks	4 days	
Early due				
Due	12 months			
Overdue	16 months			
Finished	5 years			
After invalid dose		8 weeks	4 days	
Dose before previous				

If valid, pick the next schedule to use				
Vaccine	Schedule	Before Age	History Of	Reason
PCV	COMPLETE			
Show Column	4			
Show Row	1			

Schedule	Dose	2nd dose 12 month catchup
C2	2	

Determine if dose is valid or when next is due

	Age	Interval	Grace
Valid	6 weeks	4 weeks	4 days
Early due	6 weeks		
Due	2 months	4 weeks	
Overdue	3 months	4 weeks	
Finished	5 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
PCV	C4	24 months		
PCV	COMPLETE			Second valid dose received after 24 months of age, no more doses needed.
Show Column	2			
Show Row	2			

Schedule	Dose	3rd dose 12 month catchup
C3	3	

Determine if dose is valid or when next is due

	Age	Interval	Grace
Valid	14 weeks	8 weeks	4 days
Early due			
Due	6 months		
Overdue	7 months		
Finished	5 years		
After invalid dose		8 weeks	4 days
Dose before previous			

If valid, pick the next schedule to use

Vaccine	Schedule	Before Age	History Of	Reason
PCV	COMPLETE			
Show Column	3			
Show Row	1			

Schedule	Dose	booster		
C4	B			

Determine if dose is valid or when next is due

	Age	Interval	Grace
Valid	12 months	8 weeks	4 days
Early due			
Due	12 months		
Overdue	12 months		
Finished	5 years		
After invalid dose		8 weeks	4 days
Dose before previous			

If valid, pick the next schedule to use

Vaccine	Schedule	Before Age	History Of	Reason
PCV	COMPLETE			
Show Column	3			
Show Row	3			