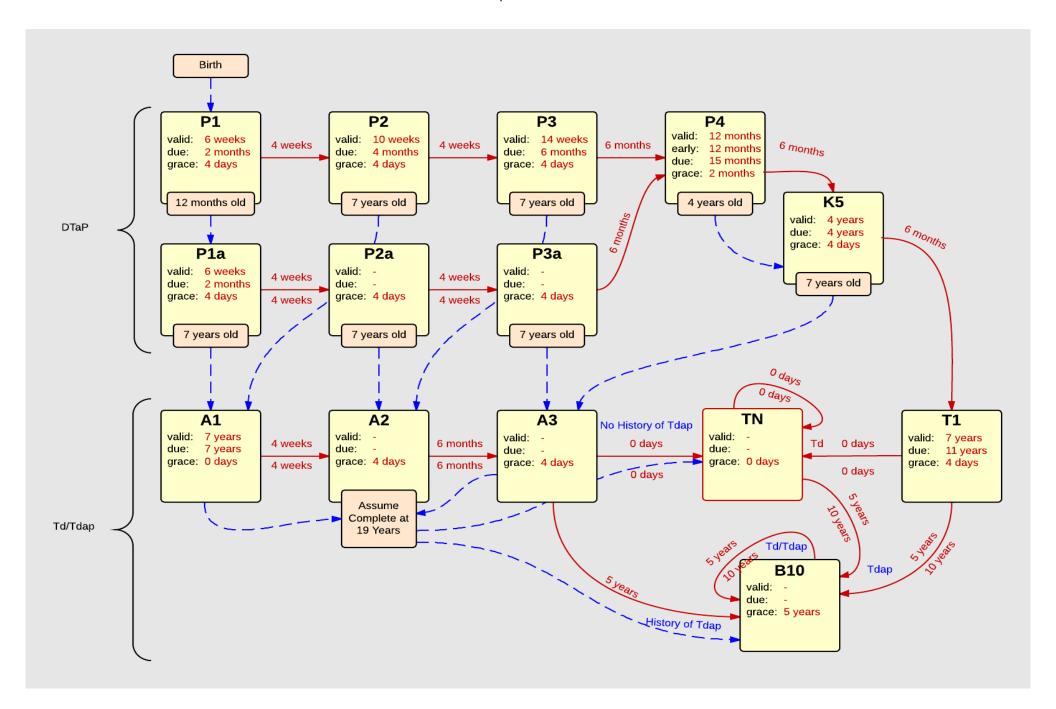
Diphtheria.xls

| Forecast Series | Name | Diphtheria |
|-----------------|-------------------|---------------|
| Vaccines | Vaccine Ids | |
| Child | 110, 112, 114, 11 | 5, 116, 2060, |
| | 111, 2070, 113, 1 | 21, 1150, 142 |
| Adult | 122, 124, 123 | |
| Td | 122, 124 | |
| Tdap | 123 | 7 years |
| Assume Comp | -110 | |
| 12 Months Old | -12 | |
| 4 Years Old | -4 | |
| 7 Years Old | -7 | |

| | 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) | ld |
| 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 | S | | | | | | |
|--------------------|--------------------|-------------------|------------|---|-----------------|-------------------------------|-----------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| P1 | 1 | BIRTH | | _ | | | | | | |
| Detern | nine if dose is va | alid or when next | is due | | | | | | | |
| | Age | Interval | Grace | | | | | | | |
| Valid | 6 weeks | | 4 days | | | | | | | |
| Early due | 6 weeks | | | 1 | | | | | | |
| Due | 2 months | | | | | | | | | |
| Overdue | 3 months | | | ٦ | | | | | | |
| Finished | 150 years | | | ٦ | | | | | | |
| After invalid dos | е | 0 days | | ٦ | | | | | | |
| Dose before prev | /ious | | | ٦ | | | | | | |
| If valid, pic | k the next sche | dule to use | | | | | | | | |
| Vaccine | Schedule | Before Age | History Of | | Reason | Reason | Reason | Reason | Reason | Reason |
| 12 Months Old | P1a | | | | Patient reached | Patient reached 12 months of | Patient reached 12 months of age without rec | Patient reached 12 months of age without receiving first DTaF | Patient reached 12 months of age without receiving first DTaP, moving to alter | Patient reached 12 months of age without receiving first DTaP, moving to alternate sch |
| Child | P2 | | | | | | | | | |
| Adult | INVALID | | | T | Γd or Tdap shoι | Td or Tdap should not be give | Td or Tdap should not be given before 7 years | Id or Tdap should not be given before 7 years of age. | Id or Tdap should not be given before 7 years of age. | Id or Tdap should not be given before 7 years of age. |
| Show Column | 1 | | | | | | | | | |
| Show Row | 1 | | | | | | | | | |

| Schedule | Dose | | 4 month | S Company of the comp |
|--------------------|--------------------|------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P2 | 2 | | | |
| Deter | mine if dose is va | lid 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 dos | se | 4 weeks | 4 days | |
| Dose before pre | | | | |
| If valid, pi | ck the next sched | dule to use | | |
| Vaccine | Schedule | Before Age | History Of | Reason |
| 7 Years Old | A1 | | | Patient reached 7 years of age without receiving first DTaP, moving adult catchup schedule. |
| Child | P3 | | | |
| Adult | INVALID | | | Td or Tdap should not be given before 7 years of age. |
| Show Column | 2 | | | |
| Show Row | 1 | | | |

| Schedule P3 | Dose 3 | | 6 months | | | |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------|----------------------|---|-------------------|------------------------------------------------------------------------------------------------|
| | | is valid or when | next is due | | | |
| Determine | Age | Interval | Grace | ı | | |
| Valid | 14 weeks | 4 weeks | 4 days | 1 | | |
| Early due | | | , | 1 | | |
| Due | 6 months | | | 1 | | |
| Overdue | 7 months | | |] | | |
| Finished | 150 years | | |] | | |
| After invalid dos | | 4 weeks | 4 days | l | | |
| Dose before prev | | | | | | |
| | k the next sched | | | | | |
| Vaccine | Schedule | Before Age | History Of | ļ | Reason | |
| 7 Years Old | A2 | | | 1 | Patient reached 7 | Patient reached 7 years of age, only receive |
| Child | P4 | | | 1 | | |
| Adult | INVALID | | | | | |
| Show Column | 3 | | | | | |
| Show Row | 1 | | | | | |
| Schedule | Dose | | 15-18 months | | | |
| P4 | Dose 4 | | 15-16 1110111118 |) | | |
| 1 1 | | is valid or when | nevt is due | | | |
| Dotormine | Age | Interval | Grace | | | |
| Valid | 12 months | 6 months | 2 months | 1 | | |
| Early due | 12 months | 0 | | 1 | | |
| Due | | | | | | |
| Due | 15 months | | | 1 | | |
| Overdue | 15 months 19 months | | | 1 | | |
| | | | | | | |
| Overdue | 19 months 150 years | 6 months | 2 months | | | |
| Overdue Finished | 19 months 150 years e | 6 months | 2 months | | | |
| Overdue Finished After invalid dos Dose before prev | 19 months 150 years e | | 2 months | | | |
| Overdue Finished After invalid dos Dose before prev | 19 months 150 years e vious | | 2 months History Of | | Reason | Reason |
| Overdue Finished After invalid dos Dose before prev If valid, pic | 19 months 150 years e vious k the next sched Schedule K5 | dule to use Before Age | | | | |
| Overdue Finished After invalid dos Dose before prev If valid, pic Vaccine 4 Years Old Child | 19 months 150 years e vious ck the next sched Schedule K5 INVALID | dule to use | | | Patient reached 4 | Patient reached 4 years of age without rec |
| Overdue Finished After invalid dos Dose before prev If valid, pic Vaccine 4 Years Old | 19 months 150 years e vious k the next sched Schedule K5 | dule to use Before Age | | | Patient reached 4 | Reason Patient reached 4 years of age without rec 4th dose is not valid if given before 12 mor |
| Overdue Finished After invalid dos Dose before prev If valid, pic Vaccine 4 Years Old Child Child Adult | 19 months 150 years e vious ck the next sched Schedule K5 INVALID | dule to use Before Age | | | Patient reached 4 | Patient reached 4 years of age without rec |
| Overdue Finished After invalid dos Dose before prev If valid, pic Vaccine 4 Years Old Child Child | 19 months 150 years e vious ck the next sched Schedule K5 INVALID K5 | dule to use Before Age | | | Patient reached 4 | Patient reached 4 years of age without rec |

| Schedule P1a | Dose 1 | | 1st catchup | | | |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------|-----------------|-------------------|----------------------|---------------------|
| | <u>'</u> | alid or when next | s due | | | |
| 50.011 | Age | Interval | Grace | | | |
| Valid | 6 weeks | | 4 days | 1 | | |
| Early due | 6 weeks | | • | | | |
| Due | 2 months | | | | | |
| Overdue | 3 months | | | | | |
| Finished | 150 years | | | | | |
| After invalid dos | е | 0 days | | | | |
| Dose before pre | | | | | | |
| If valid, pic | k the next sche | dule to use | | | | |
| Vaccine | Schedule | Before Age | History Of | Reason | | |
| 7 Years Old | A1 | | | Patient reached 7 | year | rs of age withou |
| Child | P2a | | | | | |
| Adult | INVALID | | | Td or Tdap should | I | not be given before |
| Show Column | 1 | | | | | |
| Show Row | 2 | | | | | |
| | | | | | | |
| Schedule | Dose | | 2nd catchup | | | |
| P2a | 2 | | | | | |
| Determine i | | is valid or when | | | | |
| | A | | | | | |
| | Age | Interval | Grace | | | |
| | Age | Interval 4 weeks | Grace 4 days | | | |
| Valid Early due | Age | 4 weeks | | | | |
| Early due Due | Age | 4 weeks 4 weeks | | | | |
| Early due Due Overdue | | 4 weeks | | | | |
| Early due Due Overdue Finished | 150 years | 4 weeks 4 weeks 4 weeks | 4 days | | | |
| Early due Due Overdue Finished After invalid dos | 150 years e | 4 weeks 4 weeks | | | | |
| Early due Due Overdue Finished After invalid dos Dose before pre | 150 years e vious | 4 weeks 4 weeks 4 weeks 4 weeks | 4 days | | | |
| Early due Due Overdue Finished After invalid dos Dose before pre If valid, pic | 150 years e vious k the next sche | 4 weeks 4 weeks 4 weeks 4 weeks dule to use | 4 days 4 days | | | |
| Early due Due Overdue Finished After invalid dos Dose before pre If valid, pic | 150 years e vious k the next sched Schedule | 4 weeks 4 weeks 4 weeks 4 weeks | 4 days | Reason | | |
| Early due Due Overdue Finished After invalid dos Dose before pre If valid, pie Vaccine 7 Years Old | 150 years e vious k the next scheo | 4 weeks 4 weeks 4 weeks 4 weeks dule to use | 4 days 4 days | | years of age, only r | e |
| Early due Due Overdue Finished After invalid dos Dose before pre If valid, pic Vaccine 7 Years Old Child | 150 years e vious k the next sched Schedule A2 P3a | 4 weeks 4 weeks 4 weeks 4 weeks dule to use | 4 days 4 days | | years of age, only r | е |
| Early due Due Overdue Finished After invalid dos Dose before pre If valid, pic Vaccine 7 Years Old Child Adult | 150 years e /ious k the next scheo Schedule A2 P3a INVALID | 4 weeks 4 weeks 4 weeks 4 weeks dule to use | 4 days 4 days | | years of age, only r | ec |
| Early due Due Overdue Finished After invalid dos Dose before pre If valid, pic Vaccine 7 Years Old Child | 150 years e vious k the next sched Schedule A2 P3a | 4 weeks 4 weeks 4 weeks 4 weeks dule to use | 4 days 4 days | | years of age, only r | e |

| 0-1-1 | Description | | 01 |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------|----------------------|
| Schedule P3a | Dose 3 | | 3rd catchup |
| | he vaccination | is valid or when I | |
| | 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 previo | | | |
| | the next sched | | |
| Vaccine | Schedule | Before Age | History Of |
| 7 Years Old | A3 | | |
| Child | P4 | | |
| Adult | INVALID | | |
| Show Column | 3 | | |
| Show Row | 2 | | |
| Schedule | Dose | kinde | egarten booster |
| K5 | 5 | | |
| | J | | |
| Determine if t | - | is valid or when i | next is due |
| Determine if t | - | is valid or when I | next is due Grace |
| Determine if the Valid | he vaccination | | |
| | he vaccination Age | Interval | |
| Valid | he vaccination Age | Interval | |
| Valid Early due | he vaccination Age 4 years | Interval | |
| Valid Early due Due | he vaccination Age 4 years 4 years | Interval | |
| Valid Early due Due Early overdue Overdue Finished | he vaccination Age 4 years 4 years 6 years | Interval 6 months | Grace |
| Valid Early due Due Early overdue Overdue Finished After invalid dose | he vaccination Age 4 years 4 years 6 years 7 years 150 years | Interval | |
| Valid Early due Due Early overdue Overdue Finished After invalid dose Dose before previo | he vaccination Age 4 years 4 years 6 years 7 years 150 years | 6 months | Grace |
| Valid Early due Due Early overdue Overdue Finished After invalid dose Dose before previo | he vaccination Age 4 years 4 years 6 years 7 years 150 years the next sched | 6 months 6 months ule to use | Grace 4 days |
| Valid Early due Due Early overdue Overdue Finished After invalid dose Dose before previo | he vaccination Age 4 years 4 years 6 years 7 years 150 years the next sched | 6 months | Grace |
| Valid Early due Due Early overdue Overdue Finished After invalid dose Dose before previo If valid, pick Vaccine 7 Years Old | he vaccination Age 4 years 4 years 6 years 7 years 150 years the next sched Schedule A3 | 6 months 6 months ule to use | Grace 4 days |
| Valid Early due Due Early overdue Overdue Finished After invalid dose Dose before previo | he vaccination Age 4 years 4 years 6 years 7 years 150 years the next sched Schedule A3 T1 | 6 months 6 months ule to use | Grace 4 days |
| Valid Early due Due Early overdue Overdue Finished After invalid dose Dose before previo If valid, pick Vaccine 7 Years Old Child Adult | he vaccination Age 4 years 4 years 6 years 7 years 150 years the next sched Schedule A3 T1 INVALID | 6 months 6 months ule to use | Grace 4 days |
| Valid Early due Due Early overdue Overdue Finished After invalid dose Dose before previo If valid, pick Vaccine 7 Years Old Child | he vaccination Age 4 years 4 years 6 years 7 years 150 years the next sched Schedule A3 T1 | 6 months 6 months ule to use | Grace 4 days |

| Schedule | Dose | ı | 10-year booster |
|------------------------------------------------------------|----------------------------------------|---------------------------|-----------------|
| B10 | В | | , |
| 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 previ | ious | | |
| If valid, picl | the next sched | dule to use | |
| Vaccine | Schedule | Before Age | History Of |
| Child | B10 | | |
| Adult | B10 | | |
| Show Column | 1 | | |
| Show Row | 4 | | |
| | | | |
| Schedule | Dose | | 1st adult |
| A1 | 1 | | |
| Determ | | alid or when next | |
| | Age | Interval | Grace |
| Valid | 7 years | | 0 days |
| Early due | | | |
| Due | 7 years | | |
| Overdue | 7 years | | |
| Finished | 150 years | | |
| After invalid dose | | 0 days | |
| | ious | | |
| Dose before previ | | | |
| If valid, picl | the next sched | | |
| If valid, pick Vaccine | | dule to use Before Age | History Of |
| If valid, picl Vaccine Child | the next sched Schedule A2 | | History Of |
| If valid, picl Vaccine Child Adult | the next sched Schedule A2 A2 | | |
| If valid, picl Vaccine Child Adult Assume Comp | Schedule A2 A2 B10 | | History Of Tdap |
| If valid, picl Vaccine Child Adult Assume Comp Assume Comp | the next sched Schedule A2 A2 | | |
| If valid, picl Vaccine Child Adult Assume Comp | Schedule A2 A2 B10 | | |

Diphtheria.xls

| Schedule | Dose | | 2nd adul | lt |
|-------------------|-------------------|------------------|-------------|-----------------------------------------------------------------------------------|
| A2 | 2 | | 2110 0001 | |
| Determine i | f 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 dos | е | 4 weeks | 4 days | |
| Dose before prev | vious | | | |
| If valid, pic | ck the next sched | lule to use | | |
| Vaccine | Schedule | Before Age | History Of | Reason |
| Child | A3 | | | Child vaccine should not be given after 7 years of age. |
| Adult | A3 | | | |
| Assume Comp | B10 | | Tdap | Tdap already given, and assuming adult received full DTaP series as a child, movi |
| Assume Comp | TN | | | Assuming adult received full DTaP series as a child but now needs to receive Tdap |
| Show Column | 2 | | | |
| Show Row | 3 | | | |

Diphtheria.xls

| Schedule | Dose | | 3rd adul | t |
|-------------------|-------------------|------------------|-------------|------------------------------------------------------------------------------------------|
| A3 | 3 | | 0.0000 | |
| Determine i | f the vaccination | is valid or when | next is due | |
| | Age | Interval | Grace | |
| /alid | 7 years | 6 months | 4 days | |
| arly due | | | | |
| ue | | 6 months | | |
| Overdue | | 13 months | | |
| inished | 150 years | | | |
| After invalid dos | | 6 months | 2 months | |
| ose before prev | vious | | | |
| If valid, pic | ck the next sched | lule to use | | |
| Vaccine | Schedule | Before Age | History Of | Reason |
| Child | B10 | | Tdap | Child vaccine should not be given after 7 years of age. |
| Adult | B10 | | Tdap | |
| Assume Comp | B10 | | Tdap | Assuming adult received full DTaP series as a child, moving to 10 year booster schedule. |
| Child | TN | | | Child vaccine should not be given after 7 years of age, Tdap should be administered as s |
| Adult | TN | | | Tdap should be administered as soon as possible. |
| Assume Comp | TN | | | Assuming adult received full DTaP series as a child but now needs to receive Tdap. |
| Show Column | 3 | | | |
| Show Row | 3 | | | |

| Schedule | Dose | | Tdap Now | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|---|-----------------------|-----------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------|
| TN | В | | | | 1 | | | | |
| Determine if | | is valid or when | | Į | | | | | |
| Valid | Age | Interval | Grace | | | | | | |
| | 7 years | 0 days | | ł | | | | | |
| Early due Due | Zvooro | | | 1 | | | | | |
| Overdue | 7 years 7 years | | | | | | | | |
| Finished | 150 years | | | ł | | | | | |
| After invalid dose | | 0 days | | 1 | | | | | |
| Dose before previ | | 0 uays | | 1 | | | | | |
| | k the next sched | dule to use | | J | | | | | |
| Vaccine Vaccine | Schedule | Before Age | History Of | Ī | Reason | Reason | Reason | Reason | Reason |
| Child | TN | Before Age | Thistory Of | ł | | | | | Child vaccine should not be given after 7 years of age, Tdap should b |
| Adult | B10 | | Tdap | t | Office Vaccinic Strou | This vaccine should not be given and | This vaccine direct be given after 7 years of ag | This vaccine should not be given after 7 years of age, raap of | This vaccine should not be given after 7 years of age, raap should b |
| Adult | TN | | raap | t | Tdan should be ad | Tdan should be administered as soor | Tdap should be administered as soon as possible. | Tdan should be administered as soon as possible | Tdan should be administered as soon as possible |
| Show Column | 4 | | | | raap cricara se a | Taap onodia 20 daminiotoroa do ocor | Taap eriodia de aarriinieterea de eeen de peccioler | Taap onodia bo daminiotoroa de coen de peccibier | Taap official 20 aarministeroa ac cooff ac possible. |
| Show Row | 3 | 1 | | | | | | | |
| | | | | | | | | | |
| | Ü | J | | | | | | | |
| Schedule | Dose | | Tdap Now | | | | | | |
| | | | Tdap Now | | | | | | |
| Schedule T1 | Dose B | is valid or when | | | | | | | |
| Schedule T1 Determine if | Dose B | is valid or when | | | | | | | |
| Schedule T1 Determine if | Dose B the vaccination | | next is due | | | | | | |
| Schedule T1 Determine if Valid Early due | Dose B the vaccination Age 7 years | Interval | next is due | | | | | | |
| Schedule T1 Determine if Valid Early due Due | Dose B the vaccination Age 7 years | Interval | next is due | | | | | | |
| Schedule T1 Determine if Valid Early due Due Overdue | Dose B the vaccination Age 7 years 11 years 13 years | Interval | next is due | | | | | | |
| Schedule T1 Determine if Valid Early due Due Overdue Finished | Dose B the vaccination Age 7 years 11 years 13 years 150 years | Interval 0 days | next is due | | | | | | |
| Schedule T1 Determine if Valid Early due Due Overdue Finished After invalid dose | Dose B the vaccination Age 7 years 11 years 13 years 150 years | Interval | next is due | | | | | | |
| Schedule T1 Determine if Valid Early due Due Overdue Finished After invalid dose Dose before previ | Dose B the vaccination Age 7 years 11 years 13 years 150 years | 0 days 0 days | next is due | | | | | | |
| Schedule T1 Determine if Valid Early due Due Overdue Finished After invalid dose Dose before previ | Dose B the vaccination Age 7 years 11 years 13 years 150 years ious k the next sched | 0 days 0 days 0 days | next is due Grace | | | | | | |
| Schedule T1 Determine if Valid Early due Due Overdue Finished After invalid dose Dose before previ | Dose B the vaccination Age 7 years 11 years 13 years 150 years ious k the next sched Schedule | 0 days 0 days | next is due | | Reason | | | | |
| Schedule T1 Determine if Valid Early due Due Overdue Finished After invalid dose Dose before previous if valid, pick Vaccine Child | Dose B the vaccination Age 7 years 11 years 13 years 150 years the next sched | 0 days 0 days 0 days | next is due Grace History Of | | | | | | |
| Schedule T1 Determine if Valid Early due Due Overdue Finished After invalid dose Dose before previ If valid, pick Vaccine Child Adult | Dose B the vaccination Age 7 years 11 years 13 years 150 years ious the next sched Schedule TN B10 | 0 days 0 days 0 days | next is due Grace | | Child vaccine shou | Child vaccine should not be given after | Child vaccine should not be given after 7 years of ag | Child vaccine should not be given after 7 years of age, Tdap sl | Child vaccine should not be given after 7 years of age, Tdap should b |
| Schedule T1 Determine if Valid Early due Due Overdue Finished After invalid dose Dose before previ If valid, pick Vaccine Child Adult Adult | Dose B the vaccination Age 7 years 11 years 13 years 150 years ious k the next scheo Schedule TN B10 TN | 0 days 0 days 0 days | next is due Grace History Of | | Child vaccine shou | Child vaccine should not be given after | | Child vaccine should not be given after 7 years of age, Tdap s | Child vaccine should not be given after 7 years of age, Tdap should b |
| Schedule T1 Determine if Valid Early due Due Overdue Finished After invalid dose Dose before previ If valid, pick Vaccine Child Adult | Dose B the vaccination Age 7 years 11 years 13 years 150 years ious the next sched Schedule TN B10 | 0 days 0 days 0 days | next is due Grace History Of | | Child vaccine shou | Child vaccine should not be given after | Child vaccine should not be given after 7 years of ag | Child vaccine should not be given after 7 years of age, Tdap s | Child vaccine should not be given after 7 years of age, Tdap should b |