



Delivering Next Generation Care

FluVaxTrax™ Technical Specifications

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FluVaxTrax™

Technical Specifications

Table of Contents

TABLE OF CONTENTS	2
USE OF FLUVAXTRAX™	3
FluVaxTrax™ Application Flow	4
FluVaxTrax™ High-Level Process Flow	4
Process Flow - Determine Injectable Eligibility	5
Process Flow - Determine Nasal Vaccine Eligibility	6
Process Flow – Declination Process	7
FluVaxTrax™ Screen Prints	8
Injectable Vaccine	12
Nasal Vaccine	17
Already Received Vaccine Elsewhere	34
Flu Vaccine Declination	36
FluVaxTrax™ Professional Staff Version	40
FluBot	47
FluVaxTrax™ Progress Thermometer	47

FluVaxTrax™

Technical Specifications

Use of FluVaxTrax™

Children's Hospitals and Clinics of Minnesota volunteers this information at no charge. If you choose to use this information to develop your own Influenza Vaccination Tracking system, Children's requests a donation to [Children's of Minnesota Foundation](#). Children's also requests that a credit line to Children's Hospitals and Clinics of Minnesota as the originators is maintained.

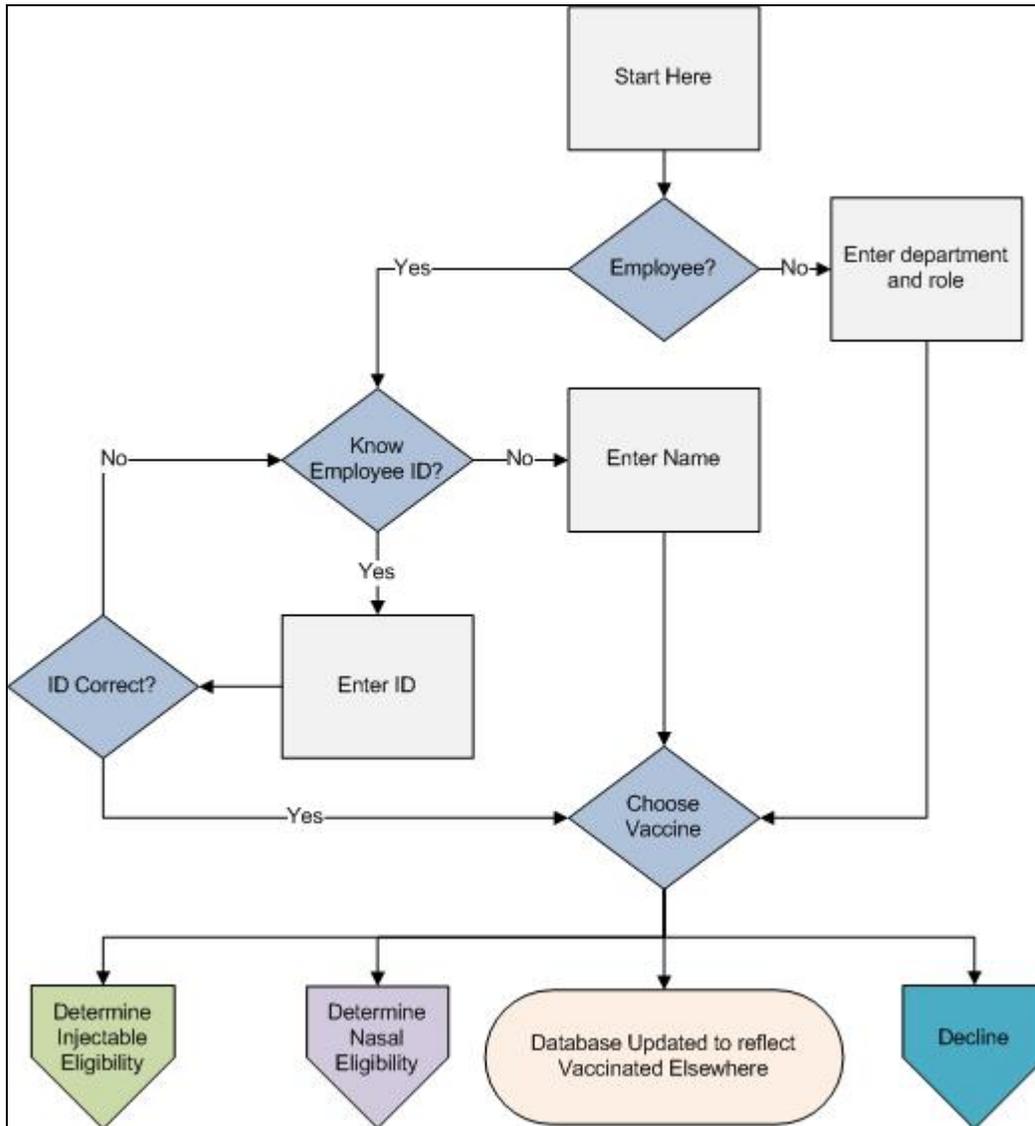
FluVaxTrax™

Technical Specifications

FluVaxTrax™ Application Flow

FluVaxTrax™ is an internal web-based application written in ASP with an SQLServer 2000 database.

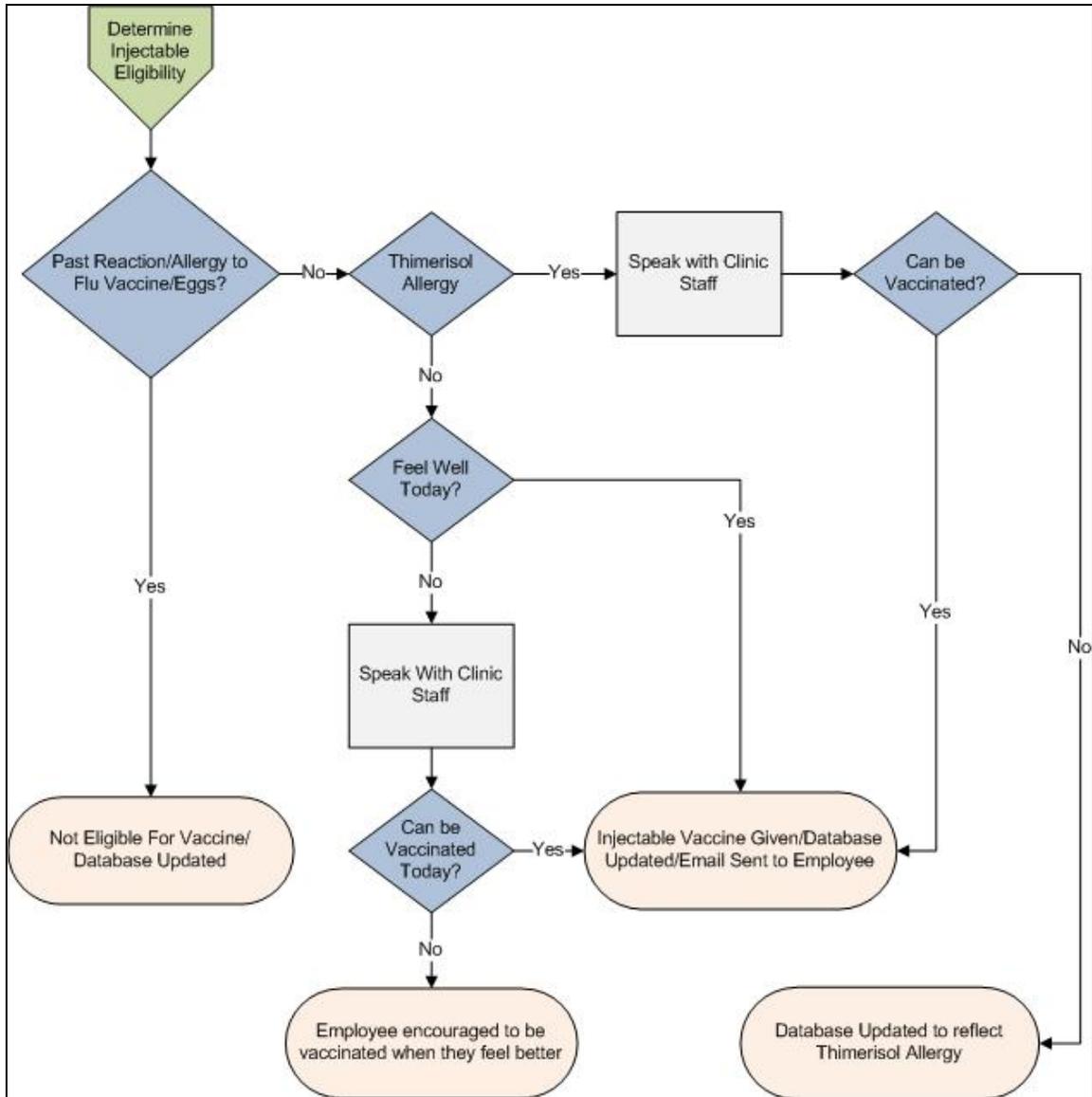
FluVaxTrax™ High-Level Process Flow



FluVaxTrax™

Technical Specifications

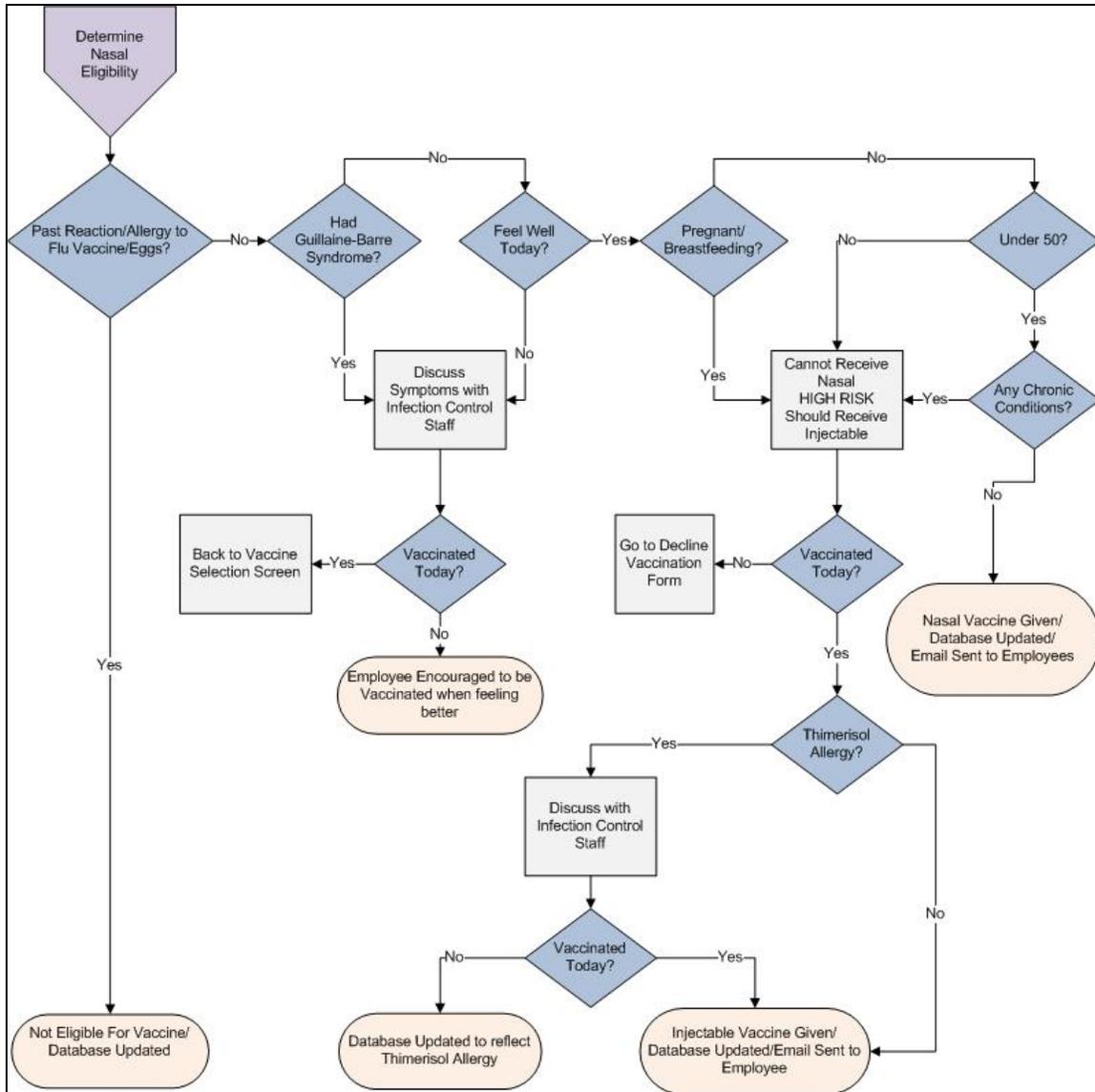
Process Flow - Determine Injectable Eligibility



FluVaxTrax™

Technical Specifications

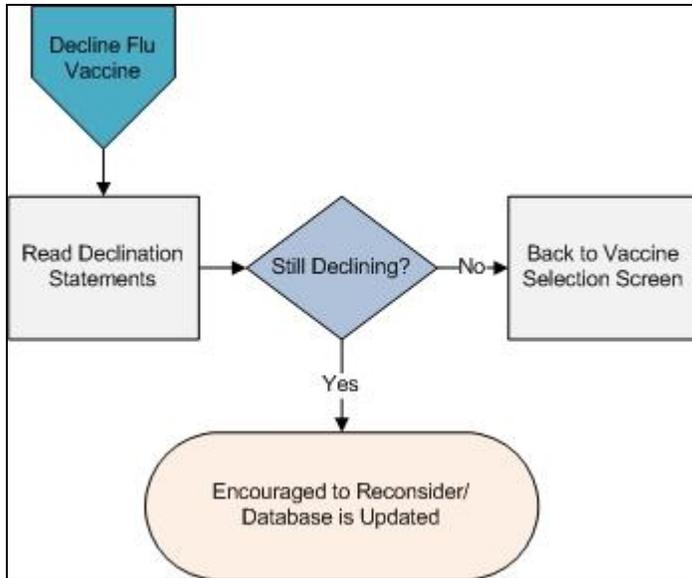
Process Flow - Determine Nasal Vaccine Eligibility



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Technical Specifications

Process Flow – Declination Process



FluVaxTrax™

Technical Specifications

FluVaxTrax™ Screen Prints

The application start page asks the user if Children's employs them or not.

Children's Influenza Vaccine Tracking

Please select the option that best describes your role at Children's:

- Children's Employee**
(including employed Physicians, APRN, Psychologists and Social Workers)
- Not employed by Children's**
(including Professional Staff, Students/Residents/Interns, Volunteers, and Contractors)

FluVaxTrax™

Technical Specifications

If they say they are a Children's employee, this screen appears prompting for their Employee ID. If they do not know their Employee ID, they can enter their name.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Fill in the fields below:

*NOTE: If you know your CE Number, name fields are not required.

CE Number:

- OR -

First Name:

Last Name:

The next screen asks them to verify their name and employee id. If it is not correct, they are sent back to the previous screen to try again.

Children's Influenza Vaccine Tracking

[Finish Later](#)

Is this you?

CE Number:
Name: DE ANTONI,STEPHANIE

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Technical Specifications

Back on the application start page, if they are not a Children's employee they would select the second option "Not employed by Children's" then click Submit. This screen appears next, prompting for some demographic information.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please answer the questions below:

Required fields are marked with a red *.

First Name:* Last Name:*

Department:

What option best describes your role at Children's?*

- Professional Staff (non-employed physician)
- Student/Intern/Resident
- Volunteer
- Contractor
- Other

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Technical Specifications

Once we have identified who the user is, the Vaccination Selection screen appears.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please select which flu vaccine you are planning to receive today:

Note: If you are not sure which vaccine you'd like to receive today, please speak with the infection control or occupational health staff at the clinic today.

- Injectable Vaccine (killed shot, not a live vaccine)**
 - * Reduces your influenza risk by 60 - 80%.
 - * Must not have an egg allergy.
 - * Must not have a thimerisol allergy.
 - * Must not have had a severe reaction to a prior vaccine dose.
- Live-attenuated nasal vaccine ("FluMist" Nose Spray)**
 - * Reduces your influenza risk by 90%.
 - * Must be younger than 50.
 - * No chronic medical problems.
- I have already received flu vaccine elsewhere.**
- I choose to decline flu vaccine.**

FluVaxTrax™

Technical Specifications

Injectable Vaccine

If they select Injectable, they are brought to this screen to determine if they are eligible to receive the Injectable vaccine.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please answer the following questions:

Have you had a severe allergic reaction to flu vaccine or eggs in the past?

Yes
 No

Are you allergic to thimerisol?

Yes
 No

Do you feel well today?

Yes
 No

FluVaxTrax™

Technical Specifications

If they answer, “Yes – they have had a severe allergic reaction to the flu vaccine or eggs in the past”, they are brought to this screen.

Children's Influenza Vaccine Tracking

Thank you for attending the flu vaccination clinic.

Based on your history, you **cannot** receive the flu vaccine. Thank you for attending the clinic today and for completing flu vaccine tracking.

Please [Return to the Start Page](#) to clear your information for the next person.

If they answer, “Yes – they are allergic to Thimerisol” they are brought to this screen.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Thimerisol Allergy

Please **raise your hand** and discuss your allergy with the staff from the Infection Control Department or Occupational Health at today's clinic.

They will help find a **thimerisol-free** vaccine for you.

Are you getting vaccinated today?

Yes

No

FluVaxTrax™

Technical Specifications

If they answer, “No – they are not being vaccinated today” they are brought to this page.

Children's Immunization Tracking

Thank you for attending the clinic today.

- ★ Your personnel record will be updated to reflect your Thimerisol allergy.
- ★ Please [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

If they answer, “No – they do not feel well today”, they are brought to this screen. After talking to staff about their symptoms, they will then select whether they are still being vaccinated or not on this particular day.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Current Health Status

Please **raise your hand** and discuss your symptoms with the staff from the Infection Control Department or Occupational Health at today's clinic.

They will help determine if you can receive a flu vaccination today or should wait until another day.

Are you getting vaccinated today?

Yes

No

If they answer, “No – I am not getting vaccinated today” this screen will load.

Children's Immunization Tracking

When you are feeling better...

- ★ Please return to another flu vaccination clinic or Occupational Health Services to receive a vaccine.
- ★ At that time, log into the computer so that your file will be updated when you are vaccinated.
- ★ Please [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

Once it is determined that they can receive the Injectable Vaccine, they are brought to this screen. At this point it is recorded in the database that they did receive the Injectable Vaccine on this date/time.

If the person is a Children's employee, they are automatically sent a Thank You email with the date/time of their influenza vaccine. This email served as proof of vaccination for military personnel or staff with privileges at other facilities.

Children's Influenza Vaccine Tracking

Thanks, your name will be entered into a prize drawing!
You have contributed to our goal of 100% of Children's staff vaccinated
against influenza.

- ✦ You can receive injectable vaccine.
- ✦ Please take the **PINK** form to the vaccinators.
- ✦ [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

Nasal Vaccine

Back on the Vaccine Selection screen they may also select Live-Attenuated nasal vaccine.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please select which flu vaccine you are planning to receive today:

Note: If you are not sure which vaccine you'd like to receive today, please speak with the infection control or occupational health staff at the clinic today.

- Injectable Vaccine (killed shot, not a live vaccine)**
 - * Reduces your influenza risk by 60 - 80%.
 - * Must not have an egg allergy.
 - * Must not have a thimerisol allergy.
 - * Must not have had a severe reaction to a prior vaccine dose.

- Live-attenuated nasal vaccine ("FluMist" Nose Spray)**
 - * Reduces your influenza risk by 90%.
 - * Must be younger than 50.
 - * No chronic medical problems.

- I have already received flu vaccine elsewhere.**

- I choose to decline flu vaccine.**

FluVaxTrax™

Technical Specifications

If the Nasal Vaccine is selected, the user is prompted to answer these questions.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please answer the following questions:

1. Have you had a severe allergic reaction to flu vaccine or eggs in the past?
 Yes
 No
2. Do you feel well today?
 Yes
 No
3. Are you pregnant or breastfeeding?
 Yes
 No
4. Are you younger than 50 years old?
 Yes
 No
5. Do you have any chronic medical conditions (for example asthma)?
 Yes
 No
6. Have you ever had Guillaine-Barre syndrome?
 Yes
 No

FluVaxTrax™

Technical Specifications

If they answer, “Yes – I have had a severe allergic reaction in the past” they are brought to this screen and the database is updated to reflect the medical contraindication.

Children's Influenza Vaccine Tracking

Thank you for attending the flu vaccination clinic.

Based on your history, you **cannot** receive the flu vaccine. Thank you for attending the clinic today and for completing flu vaccine tracking.

Please [Return to the Start Page](#) to clear your information for the next person.

If they have never had an allergic reaction to the flu vaccine or eggs, but they indicate that “Yes – I have had Guillaine-Barre Syndrome” or “No – I do not feel well today” they are brought to this screen and are asked to discuss their current health status with Infection Control Staff.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Current Health Status

Please **raise your hand** and discuss your symptoms with the staff from the Infection Control Department or Occupational Health at today's clinic.

They will help determine if you can receive a flu vaccination today or should wait until another day.

Are you getting vaccinated today?

Yes

No

FluVaxTrax™

Technical Specifications

If they select “Yes – I am being Vaccinated Today”, they are sent back to the Vaccine Selection screen so they can select the type of vaccine that is most appropriate for them based on their discussion with the Infection Control Staff.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please select which flu vaccine you are planning to receive today:

Note: If you are not sure which vaccine you'd like to receive today, please speak with the infection control or occupational health staff at the clinic today.

- Injectable Vaccine (killed shot, not a live vaccine)**
 - * Reduces your influenza risk by 60 - 80%.
 - * Must not have an egg allergy.
 - * Must not have a thimerisol allergy.
 - * Must not have had a severe reaction to a prior vaccine dose.

- Live-attenuated nasal vaccine ("FluMist" Nose Spray)**
 - * Reduces your influenza risk by 90%.
 - * Must be younger than 50.
 - * No chronic medical problems.

- I have already received flu vaccine elsewhere.**

- I choose to decline flu vaccine.**

FluVaxTrax™

Technical Specifications

If they select, “No – I am not being vaccinated today”, they are sent to this screen.

Children's Immunization Tracking

When you are feeling better...

- ★ Please return to another flu vaccination clinic or Occupational Health Services to receive a vaccine.
- ★ At that time, log into the computer so that your file will be updated when you are vaccinated.
- ★ Please [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

Back on the Nasal Vaccine Eligibility Questions, if they answer:

- No, I have not had a severe allergic reaction to the flu vaccine or eggs
- Yes – I feel well today
- **Yes – I am pregnant or breastfeeding**
- Yes – I am Younger than 50
- No – I have no chronic conditions
- No – I have never had Guillaine-Barre Syndrome

This screen appears. They are told they cannot receive the nasal vaccine and are urged to consider the Injectable vaccine instead.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Not Eligible for Nasal Vaccine

Based on your responses, you are not eligible to receive the nasal vaccine, **but can receive the injectable vaccine.**

Note: If you are pregnant the injectable influenza vaccine is safe to receive in any trimester of pregnancy. Pregnant women are considered high risk for complications from influenza, it is recommended that pregnant women get the flu shot.

Are you getting vaccinated today?

Yes

No

FluVaxTrax™

Technical Specifications

If they answer, “Yes – I am getting vaccinated today”, they are brought to this screen to answer the question about the Thimerisol allergy.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please answer the following question:

Are you allergic to thimerisol?

Yes

No

If they answer, “No, I do not have a Thimerisol Allergy” they are brought to this screen. At this point it is recorded in the database that they received the Injectable vaccine. Children’s employees were also sent a follow-up Thank You email with date and time vaccination was received.

Children's Influenza Vaccine Tracking

Thanks, your name will be entered into a prize drawing!
You have contributed to our goal of 100% of Children's staff vaccinated against influenza.

- * You can receive injectable vaccine.
- * Please take the **PINK** form to the vaccinators.
- * [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

If instead they answer, “Yes – I am allergic to Thimerisol” they are brought to this screen where they are asked to raise their hand to discuss with an Infection Control staff member.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Thimerisol Allergy

Please **raise your hand** and discuss your allergy with the staff from the Infection Control Department or Occupational Health at today's clinic.

They will help find a **thimerisol-free** vaccine for you.

Are you getting vaccinated today?

Yes

No

After speaking to Infection Control about their allergy they are asked again if they are getting vaccinated today. If they answer, “No – I am not getting vaccinated today” they are brought to this screen.

At this point the database is updated to reflect their Thimerisol Allergy.

Children's Immunization Tracking

Thank you for attending the clinic today.

- ★ Your personnel record will be updated to reflect your Thimerisol allergy.
- ★ Please [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

If instead they answer, “Yes – I am getting Vaccinated today” they are brought to this screen. The database is updated that they received their Injectable vaccine, and if it is a Children’s Employee they are sent a Thank You email reflecting the data and time they received the vaccine.

Children's Influenza Vaccine Tracking

Thanks, your name will be entered into a prize drawing!
You have contributed to our goal of 100% of Children's staff vaccinated against influenza.

- ✦ You can receive injectable vaccine.
- ✦ Please take the **PINK** form to the vaccinators.
- ✦ [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

Back on the Nasal Vaccine Eligibility Questions, if they answer:

- No, I have not had a severe allergic reaction to the flu vaccine or eggs
- Yes – I feel well today
- Yes – I am pregnant or breastfeeding
- **No – I am NOT Younger than 50**
- No – I have no chronic conditions
- No – I have never had Guillaine-Barre Syndrome

This screen appears. They are told they cannot receive the nasal vaccine (based on age) and are urged to consider the Injectable vaccine instead.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Not Eligible for Nasal Vaccine

Based on your responses, you are not eligible to receive the nasal vaccine, **but can receive the injectable vaccine.**

Are you getting vaccinated today?

Yes

No

FluVaxTrax™

Technical Specifications

If they answer, “Yes – I am getting vaccinated today”, they are brought to this screen to answer the question about the Thimerisol allergy.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please answer the following question:

Are you allergic to thimerisol?

Yes

No

If they answer, “No, I do not have a Thimerisol Allergy” they are brought to this screen. At this point it is recorded in the database that they received the Injectable vaccine. Children’s employees were also sent a follow-up Thank You email with date and time vaccination was received.

Children's Influenza Vaccine Tracking

Thanks, your name will be entered into a prize drawing!
You have contributed to our goal of 100% of Children's staff vaccinated
against influenza.

- * You can receive injectable vaccine.
- * Please take the **PINK** form to the vaccinators.
- * [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

If instead they answer, “Yes – I am allergic to Thimerisol” they are brought to this screen where they are asked to raise their hand to discuss with an Infection Control staff member.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Thimerisol Allergy

Please **raise your hand** and discuss your allergy with the staff from the Infection Control Department or Occupational Health at today's clinic.

They will help find a **thimerisol-free** vaccine for you.

Are you getting vaccinated today?

Yes

No

After speaking to Infection Control about their allergy they are asked again if they are getting vaccinated today. If they answer, “No – I am not getting vaccinated today” they are brought to this screen.

At this point the database is updated to reflect their Thimerisol Allergy.

Children's Immunization Tracking

Thank you for attending the clinic today.

- ★ Your personnel record will be updated to reflect your Thimerisol allergy.
- ★ Please [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

If instead they answer, “Yes – I am getting Vaccinated today” they are brought to this screen. The database is updated that they received their Injectable vaccine, and if it is a Children’s Employee they are sent a Thank You email reflecting the data and time they received the vaccine.

Children's Influenza Vaccine Tracking

Thanks, your name will be entered into a prize drawing!
You have contributed to our goal of 100% of Children's staff vaccinated against influenza.

- ✦ You can receive injectable vaccine.
- ✦ Please take the **PINK** form to the vaccinators.
- ✦ [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

Back on the Nasal Vaccine Eligibility Questions, if they answer:

- No, I have not had a severe allergic reaction to the flu vaccine or eggs
- Yes – I feel well today
- Yes – I am pregnant or breastfeeding
- No – I am NOT Younger than 50
- **Yes – I do have a chronic condition**
- No – I have never had Guillaine-Barre Syndrome

This screen appears stating that the person is not eligible for the nasal vaccine because of their chronic condition. They are urged to consider the Injectable vaccine instead.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Not Eligible for Nasal Vaccine

Based on your responses, you are not eligible to receive the nasal vaccine, **but can receive the injectable vaccine.**

Note: If you have a chronic condition you are at high risk for complications from influenza, it is recommended that people with chronic conditions get flu vaccine.

Are you getting vaccinated today?

Yes

No

FluVaxTrax™

Technical Specifications

If they answer, “Yes – I am getting vaccinated today”, they are brought to this screen to answer the question about the Thimerisol allergy.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please answer the following question:

Are you allergic to thimerisol?

Yes

No

If they answer, “No, I do not have a Thimerisol Allergy” they are brought to this screen. At this point it is recorded in the database that they received the Injectable vaccine. Children’s employees were also sent a follow-up Thank You email with date and time vaccination was received.

Children's Influenza Vaccine Tracking

Thanks, your name will be entered into a prize drawing!
You have contributed to our goal of 100% of Children's staff vaccinated
against influenza.

- * You can receive injectable vaccine.
- * Please take the **PINK** form to the vaccinators.
- * [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

If instead they answer, “Yes – I am allergic to Thimerisol” they are brought to this screen where they are asked to raise their hand to discuss with an Infection Control staff member.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Thimerisol Allergy

Please **raise your hand** and discuss your allergy with the staff from the Infection Control Department or Occupational Health at today's clinic.

They will help find a **thimerisol-free** vaccine for you.

Are you getting vaccinated today?

Yes

No

After speaking to Infection Control about their allergy they are asked again if they are getting vaccinated today. If they answer, “No – I am not getting vaccinated today” they are brought to this screen.

At this point the database is updated to reflect their Thimerisol Allergy.

Children's Immunization Tracking

Thank you for attending the clinic today.

- ★ Your personnel record will be updated to reflect your Thimerisol allergy.
- ★ Please [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

If instead they answer, “Yes – I am getting Vaccinated today” they are brought to this screen. The database is updated that they received their Injectable vaccine, and if it is a Children’s Employee they are sent a Thank You email reflecting the date and time they received the vaccine.

Children's Influenza Vaccine Tracking

Thanks, your name will be entered into a prize drawing!
You have contributed to our goal of 100% of Children's staff vaccinated against influenza.

- ✦ You can receive injectable vaccine.
- ✦ Please take the **PINK** form to the vaccinators.
- ✦ [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

Already Received Vaccine Elsewhere

On the Vaccine Selection Screen, they could select “I have already received flu vaccine elsewhere”.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please select which flu vaccine you are planning to receive today:

Note: If you are not sure which vaccine you'd like to receive today, please speak with the infection control or occupational health staff at the clinic today.

Injectable Vaccine (killed shot, not a live vaccine)

- * Reduces your influenza risk by 60 - 80%.
- * Must not have an egg allergy.
- * Must not have a thimerisol allergy.
- * Must not have had a severe reaction to a prior vaccine dose.

Live-attenuated nasal vaccine ("FluMist" Nose Spray)

- * Reduces your influenza risk by 90%.
- * Must be younger than 50.
- * No chronic medical problems.

I have already received flu vaccine elsewhere.

I choose to decline flu vaccine.

FluVaxTrax™

Technical Specifications

If they select this option, they are brought to a Thank You screen. The database is also updated at this time to reflect that they were vaccinated elsewhere.

Children's Influenza Vaccine Tracking

Thanks, your name will be entered into a prize drawing!
Your efforts will be recorded toward our goal of 100% of our staff being vaccinated against influenza.

★ [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

Technical Specifications

Flu Vaccine Declination

On the Vaccine Selection Screen, they could select "I choose to decline flu vaccine".

Children's Influenza Vaccine Tracking

[Return to Start](#)

Please select which flu vaccine you are planning to receive today:

Note: If you are not sure which vaccine you'd like to receive today, please speak with the infection control or occupational health staff at the clinic today.

- Injectable Vaccine (killed shot, not a live vaccine)**
 - * Reduces your influenza risk by 60 - 80%.
 - * Must not have an egg allergy.
 - * Must not have a thimerisol allergy.
 - * Must not have had a severe reaction to a prior vaccine dose.

- Live-attenuated nasal vaccine ("FluMist" Nose Spray)**
 - * Reduces your influenza risk by 90%.
 - * Must be younger than 50.
 - * No chronic medical problems.

- I have already received flu vaccine elsewhere.**

- I choose to decline flu vaccine.**

FluVaxTrax™

Technical Specifications

If the user is choosing to decline the Flu Vaccine, this window is shown. At this point, the user is required to read each statement and acknowledge it by checking each the check box. We again ask them if they are choosing to not be vaccinated.

If they choose No – I WOULD LIKE TO BE VACCINATED, they are redirected to the Menu to select what type of vaccine they'd like to receive.

FluVaxTrax™

Technical Specifications

Children's Immunization Tracking

[Return to Start](#)

Vaccine Declination

Based on your responses, it appears that you will not receive flu vaccine. If that is not correct please discuss your situation with staff from the Infection Control Department at the clinic today.

If you are not getting flu vaccine, please check the boxes below to acknowledge you have read the following:

-
- I understand that flu vaccine is strongly recommended for me and all other employees and professional staff at Children's to prevent influenza disease and its complications including the possibility of death.
-
- I understand that if I contract influenza, I could spread the flu virus to others for 1 - 2 days before I am sick with the flu.
-
- I understand that if I get the flu, even if my symptoms are mild, I can spread the virus to patients in this healthcare facility, my co-workers, my family and my community that may cause them severe illness.
-
- I understand that I cannot get influenza disease from the flu vaccine.
-

I have read the above information and am choosing to **NOT BE VACCINATED** against influenza.

- Yes
 No - I would like to be vaccinated today.

If you are still undecided about what to do and would like to talk more to the Infection Control or Occupational Health nurses, please Raise Your Hand for help.

Submit

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Technical Specifications

If they choose yes, they still DO NOT WANT to be vaccinated, this screen appears. At this point it is recorded in the database that they declined vaccination. They are also sent an email urging them to reconsider their decision and how/where they can be vaccinated at a later date should they change their mind.

Children's Influenza Vaccine Tracking

Vaccine Declination

Your response will be included in flu vaccine tracking. Children's Hospitals and Clinics of Minnesota hopes that you will reconsider this decision and either attend a later clinic or receive vaccine through Occupational Health Services.

★ [Return to the Start Page](#) to clear your information for the next person.

FluVaxTrax™

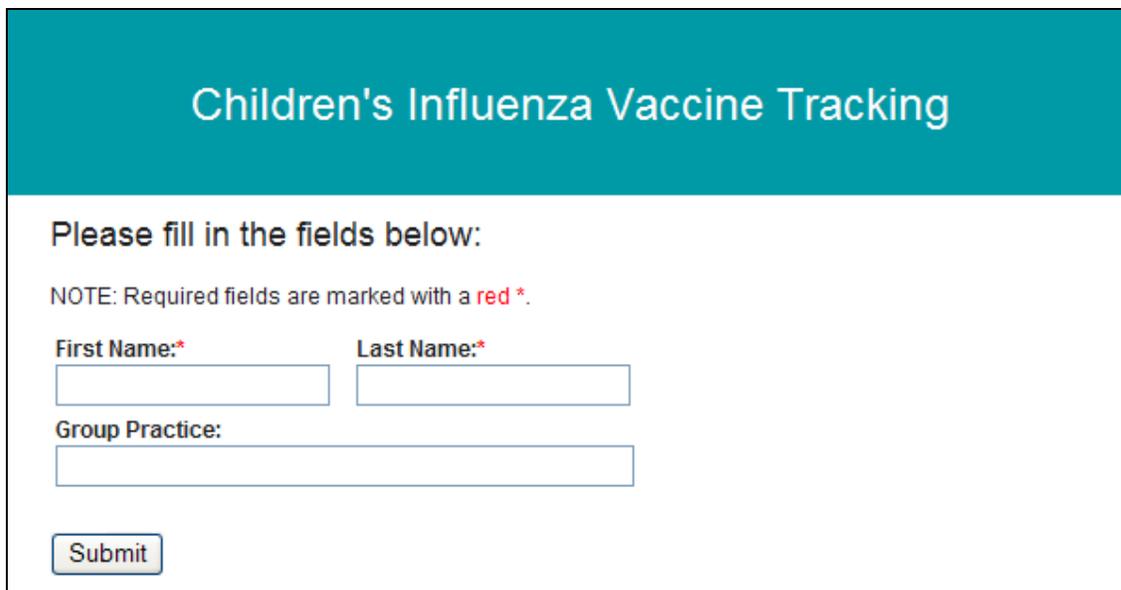
Technical Specifications

FluVaxTrax™ Professional Staff Version

The Professional Staff version of FluVaxTrax™ was a scaled-down version of FluVaxTrax™. It was used for offsite professional staff (non-employed staff with privileges at Children's of Minnesota) to report their flu vaccine status. It was also web-based, written in ASP with a SQL Server database (FluVaxTraxProfessionalStaff was the table name – See Appendix for table definition).

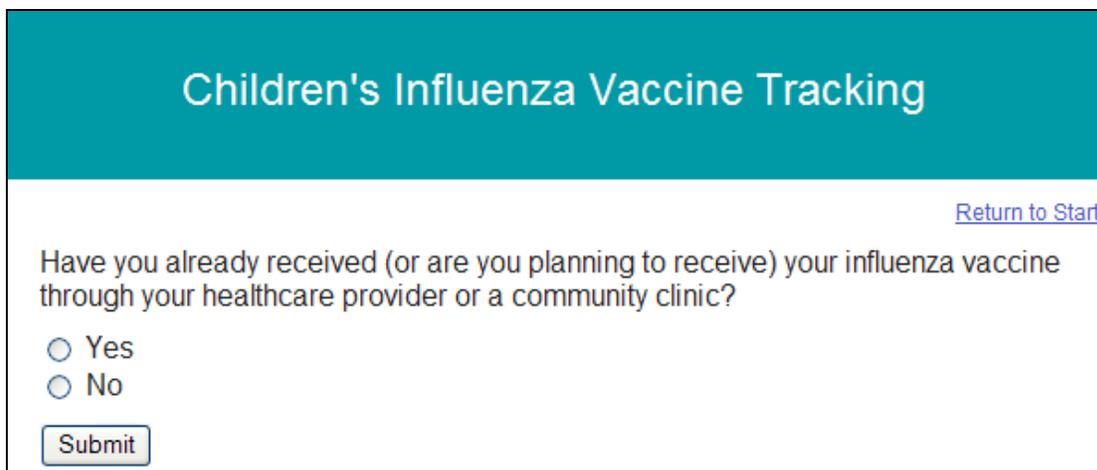
Unlike FluVaxTrax™ it was not used at Flu Clinics, but was instead a link on Children's Professional Staff Portal (a secure password-protected site).

The first page asks for First Name, Last Name and Group Practice. Then the user would click the submit button.



The screenshot shows a web form titled "Children's Influenza Vaccine Tracking". Below the title, it says "Please fill in the fields below:". A note indicates "NOTE: Required fields are marked with a red *". There are three input fields: "First Name:*" and "Last Name:*" are side-by-side, and "Group Practice:" is below them. A "Submit" button is at the bottom.

This screen appears asking the user if they've already received their influenza vaccine.



The screenshot shows a web form titled "Children's Influenza Vaccine Tracking". In the top right corner, there is a link "Return to Start". The main question is "Have you already received (or are you planning to receive) your influenza vaccine through your healthcare provider or a community clinic?". Below the question are two radio button options: "Yes" and "No". A "Submit" button is at the bottom.

FluVaxTrax™

Technical Specifications

If they answer, “Yes – I’ve already been vaccinated or I am planning on being vaccinated” this Thank You screen appears.

At this point it is also recorded in the database that they did receive their influenza vaccine.

Children's Influenza Vaccine Tracking

Thank you!
Your personnel record will reflect that you received your influenza vaccine.
Children’s Hospitals and Clinics of Minnesota appreciates your willingness to protect our patients and keep yourself healthy.

If instead they answer, “No – I have NOT received my influenza vaccine this year” this screen appears and they are asked again if they are planning to receive the influenza vaccine.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Are you planning to receive the influenza vaccine this Fall?

Yes
 No

FluVaxTrax™

Technical Specifications

If they answer, “Yes – I am planning to receive the influenza vaccine this Fall”, this screen appears.

At this point it is also recorded in the database that they did receive their influenza vaccine.

Children's Influenza Vaccine Tracking

Thank you!
Your personnel record will reflect that you received your influenza vaccine.
Children's Hospitals and Clinics of Minnesota appreciates your willingness to protect our patients and keep yourself healthy.

If they instead answer, “No – I am not planning to receive the influenza vaccine this year” this screen is displayed.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Have you had a severe allergic reaction to a prior dose of influenza vaccine or eggs?

Yes
 No

FluVaxTrax™

Technical Specifications

If they answer, “Yes – I have had a severe allergic reaction to a prior dose of influenza vaccine or eggs”, this screen appears.

At this point the database is updated to reflect the medical contraindication.

Children's Influenza Vaccine Tracking

Thank you

Based on your history, you **cannot** receive influenza vaccine. This information will be updated in your credentials file at Children's.

FluVaxTrax™

Technical Specifications

If instead they answer, “No – I have not had a severe allergic reaction to a prior dose of influenza vaccine or eggs”, it is assumed they are declining influenza vaccine for this season and this screen appears.

Here they must check each box to show they’ve read the accompanying statements. They are then asked again if they are **still choosing to decline vaccination**.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Vaccine Declination

Based on your responses above, it appears that you are declining to receive influenza vaccine. If that is not correct please discuss your situation with staff from the Infection Control Department at 651-220-5555.

If you are declining to receive influenza vaccine, please check the boxes below to acknowledge you have read the following:

- I understand that flu vaccine is strongly recommended for me and all other employees and professional staff at Children's to prevent influenza disease and its complications including the possibility of death.
- I understand that if I contract influenza, I could spread the flu virus to others for 1 - 2 days before I am sick with the flu.
- I understand that if I get the flu, even if my symptoms are mild, I can spread the virus to patients in this healthcare facility, my co-workers, my family and my community that may cause them severe illness.
- I understand that I cannot get influenza disease from the influenza vaccine.

I have read the above information and am choosing to **NOT BE VACCINATED** against influenza.

- Yes
- No - I would like to be vaccinated today

If you are still undecided about what to do and would like to talk more to the Infection Control staff at Children's, please call the Infection Control department at 651-220-5555.

FluVaxTrax™

Technical Specifications

If they answer, “Yes – I am choosing to **NOT BE Vaccinated** against influenza” this screen appears.

At this point it is recorded in the database that they declined the vaccine.

Children's Influenza Vaccine Tracking

Influenza Vaccine Declination

Your credentials record will reflect that you declined to receive influenza vaccine. Children's hopes that you will reconsider this decision and either attend a later clinic or receive vaccine through Occupational Health Services.

FluVaxTrax™

Technical Specifications

If instead they answered, “No – I would like to be vaccinated after all” this screen loads to verify that they are indeed planning to get vaccinated.

Children's Influenza Vaccine Tracking

[Return to Start](#)

Are you planning to receive the influenza vaccine this Fall?

Yes
 No

If they answer, “No – I am NOT planning to receive the influenza vaccine this season”, the declination statement will load again.

If they answer, “Yes – I am planning to receive the influenza vaccine this season” this screen will load. At this point it is recorded in the database that the person did receive the influenza vaccine.

Children's Influenza Vaccine Tracking

Thank you!
Your personnel record will reflect that you received your influenza vaccine.
Children's Hospitals and Clinics of Minnesota appreciates your willingness to
protect our patients and keep yourself healthy.

FluVaxTrax™

Technical Specifications

FluBot

FluBot was a background ‘robot’ process written to keep the FluVaxTrax™ database current with employee data.

Inputs: File created daily from Children’s HR database (PeopleSoft). This was a tab delimited text file including Employee ID, Name, Department, Job Code, and Email Address.

FluBot ran daily. It picked up the HR file and processed each row.

- If the employee was not found in the FluVaxTrax™ database he/she was added.
- If the employee was found in the FluVaxTrax™ database, the database record was compared to the HR file to be sure all data was the same. If Name, Department, Job Code or Email Address had changed, the FluVaxTrax™ database record was updated to reflect this.

FluVaxTrax™ Progress Thermometer

Children’s Intranet displayed a ‘thermometer’ to communicate current vaccine rates through the flu season. This was a dynamic image that queried the database with each page request to return the latest vaccination rate.

