Changes for 2026

NAACCR PREP

Goal: Make the Creation of Submission Files Easier*

***If your registry uses SEER*DMS, you DO NOT need to use NAACCR*Prep**

- Subsets data based on the year of diagnosis (and age for NCCR)
- Blanks out fields that aren't being collected
- Calculates additional fields
    - Rural Urban Continuum Codes
    - RUCA and URIC Codes
    - Census Tract Poverty Indicator
    - NHIA/NAPIIA
    - Yost Quintiles
    - ACS Race-based Poverty Percentages
    - **And several others…**

Files NAACCR*Prep Can Process

Input:

- NAACCR V26 XML

Output:

- NAACCR V26 XML
- CSV

Changes for 2026

1. This release includes routine maintenance updates *(e.g., updating the NAACCR-XML version and data dictionaries)*, with no user-interface or functional changes.

Configuration Files

Configuration files define:

- Which fields will ultimately end up being written to the output file
- The record type of the file that will be created
- The range of diagnosis years to include

NCCR, NPCR, and NAACCR will create and distribute the configuration files.

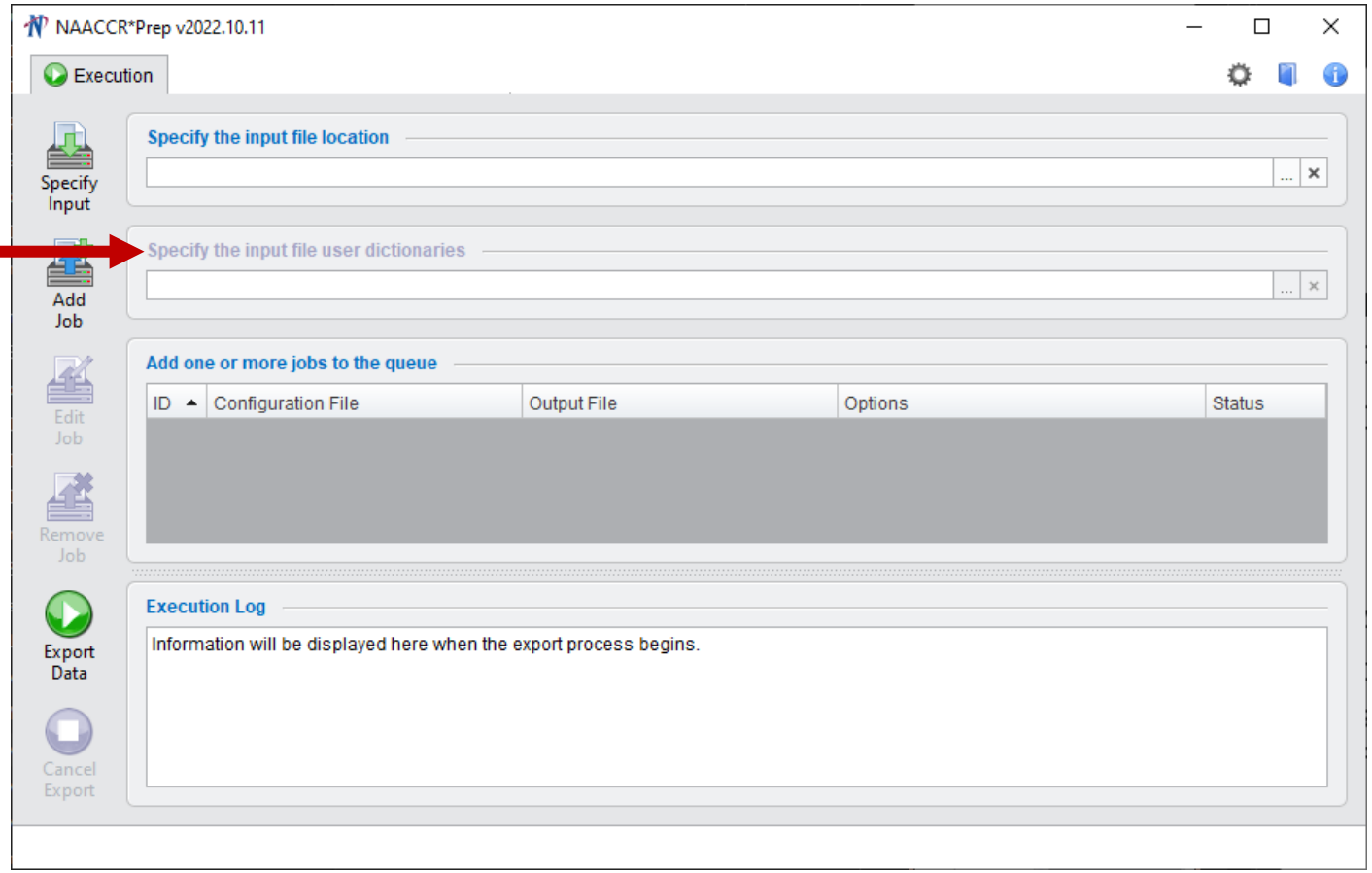
- They will be downloadable from the NPCR and NAACCR websites
  - NAACCR will host the NAACCR Call for Data, VPR, and NCCR configurations
- There will be configuration files for each type of submission (NAACCR CiNA & Certification, NAACCR Certification, VPR-CLS, NPCR, NCCR, etc.)

The **execution** tab is where the actual file processing will take place.

On this tab you will:

- Provide the location of the input file you want to process
- Add jobs to a queue

After all the jobs have been added to the queue, you can execute those jobs sequentially and produce multiple output files from the same input file.



Steps to Produce Submission Files

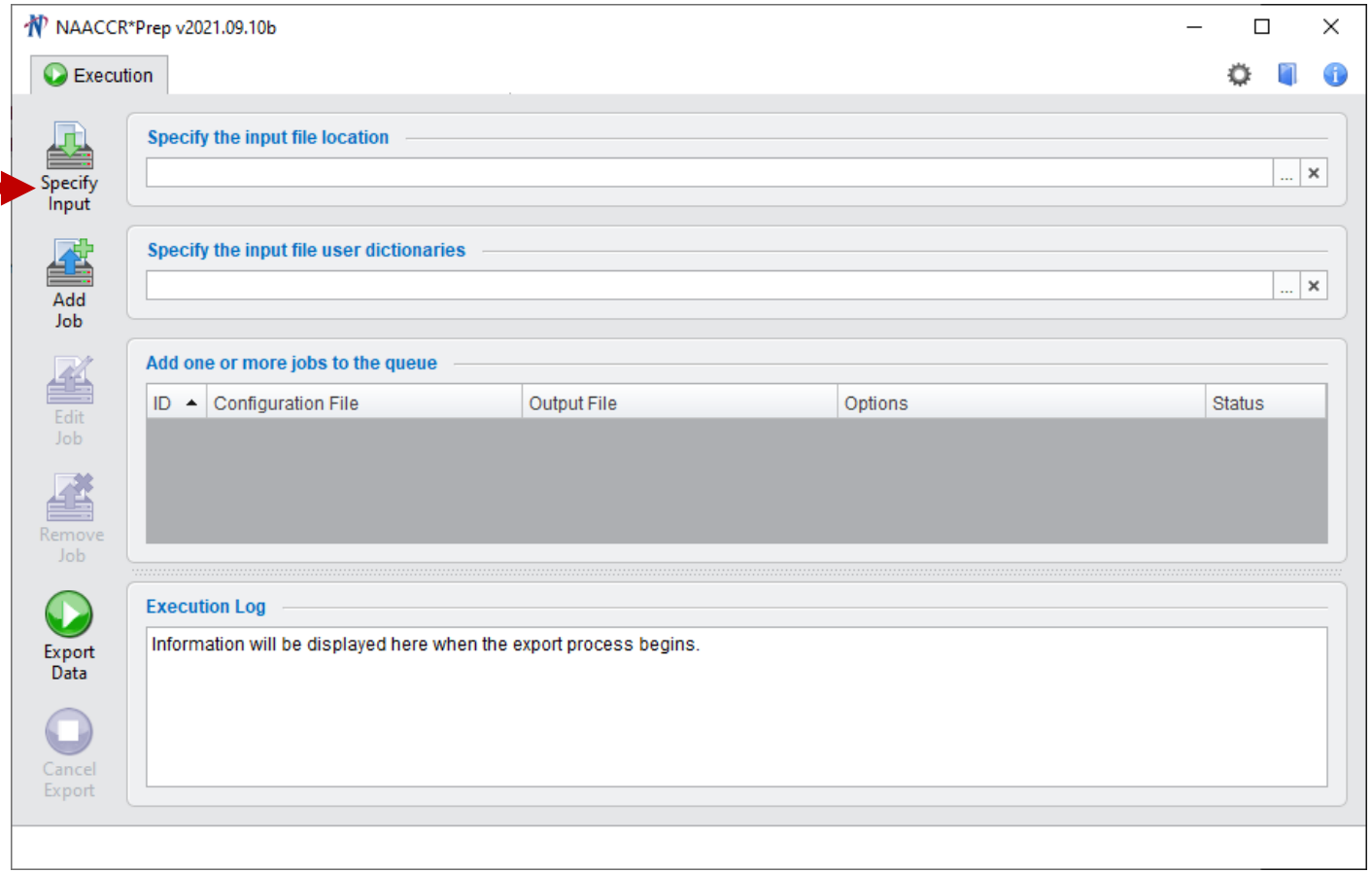
1. Provide the location of your input file
2. If prompted, provide the location of your input file's XML user dictionary
3. Place a job on the queue
    a. Provide the location of the configuration file
    b. Provide the location of the salt file (VPR only)
    c. Provide the name and location of your output file
    d. Set your job options
4. Repeat step 3 if you want to queue up another job
5. Press the Export Data button to start processing the queue

NAACCR PREP

1. Provide the location of your input file.

- Press the **Specify Input** button and browse to the location on your hard drive or network where the input file resides.

- The input file should be a **Type-C** XML file with all the fields populated for all your cases, including fields such as first, last, and maiden name, Census tract, etc. This data is needed to produce calculated fields such as NHAPIIA, the Census tract poverty indicator, etc. The only fields that will ultimately be written to the output file will be the ones specifically requested by NAACCR, NCCR, and/or NPCR.



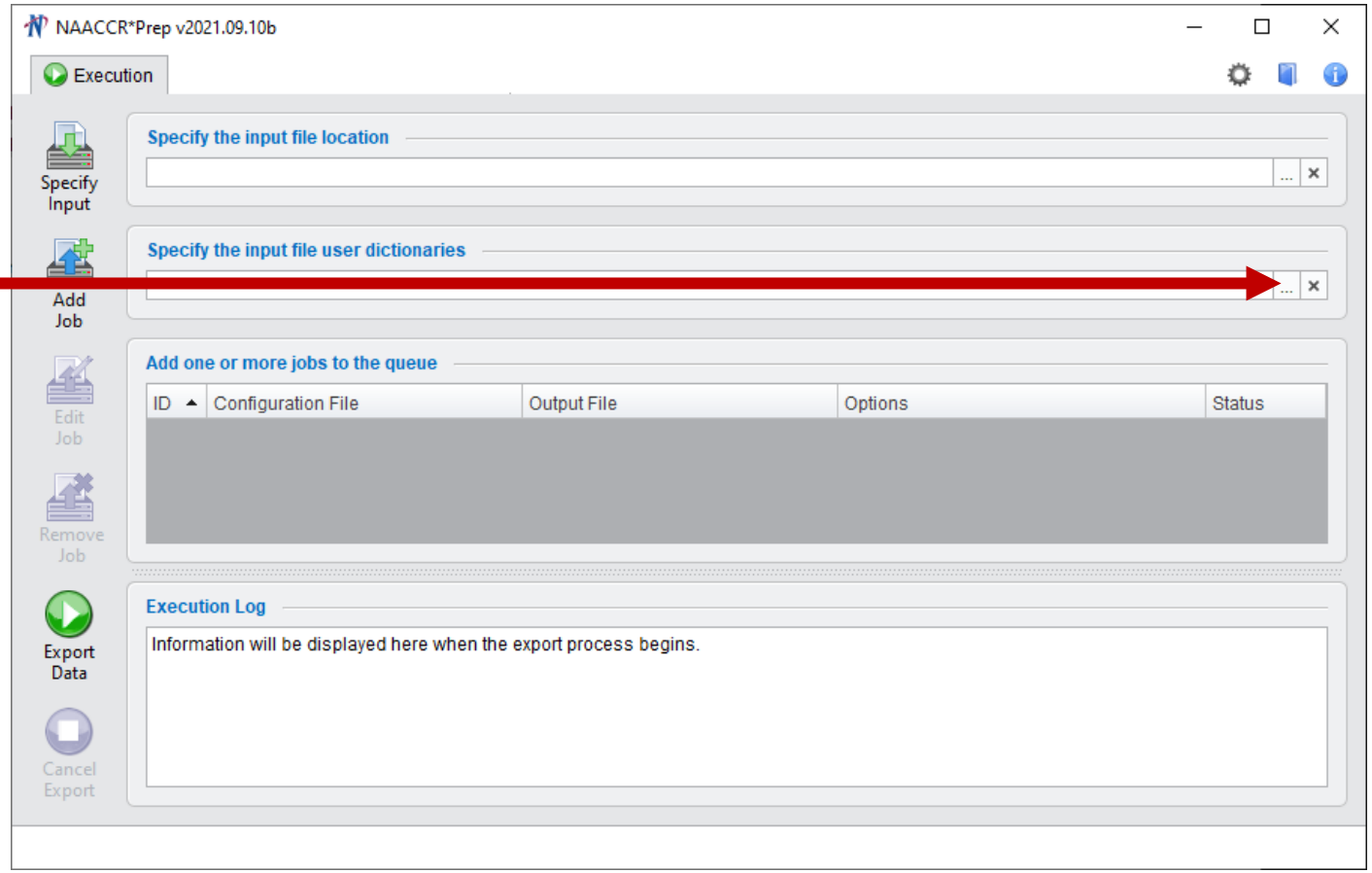
*Note: There should only be 1 <Patient> block per patient in the input XML file. NAACCR*Prep will not process the input file if it does not meet this requirement.*

2. For US-based registries only:

   If your input file references user dictionaries that NAACCR*Prep doesn't recognize, you will be asked to provide the location of those dictionaries.

   If your input file contains non-standard items that are being collected by NAACCR and any of these items cannot be calculated by NAACCR*Prep, then you MUST perform this step to ensure these fields are included in the submission file.

   <u>The only non-standard item that falls into this category is item #9701 (registryDefinedTumorID), which is output for NCCR and VPR. This item should only be submitted by registries using the Rocky Mountain Cancer Data System (RMCDS).</u>



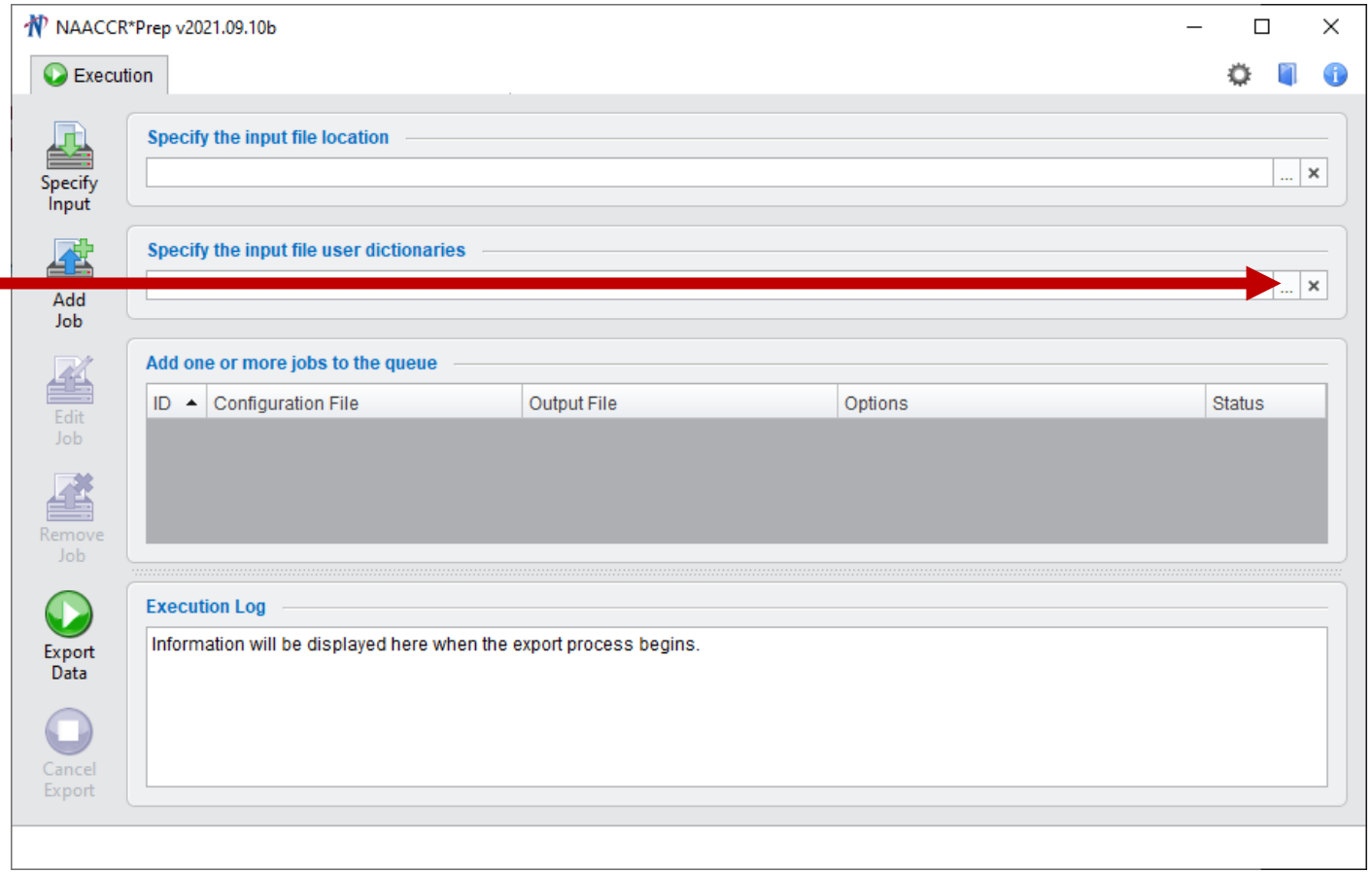
Note: You can press the browse button more than once to select multiple user dictionaries.

For US-based registries only:

NAACCR-XML supports custom data elements through non-standard data items. To include non-standard items in an XML file, you must define them within a custom NAACCR-XML user dictionary. The XML data file must then explicitly reference this user dictionary in its root header to ensure that downstream readers (i.e., NAACCR*Prep) can correctly parse and validate the non-standard items. If you intend to submit item #9701 (registryDefinedTumorID) you need to provide the location of the custom NAACCR-XML user dictionary that's being referenced by the data file to NAACCR*Prep. That user dictionary should define item #9701 as follows:

```
<ItemDef naaccrId="registryDefinedTumorId"
         naaccrNum="9701"
         naaccrName="Registry Defined Tumor ID"
         length="25"
         recordTypes="A,M,C,I"
         parentXmlElement="Tumor"/>
```

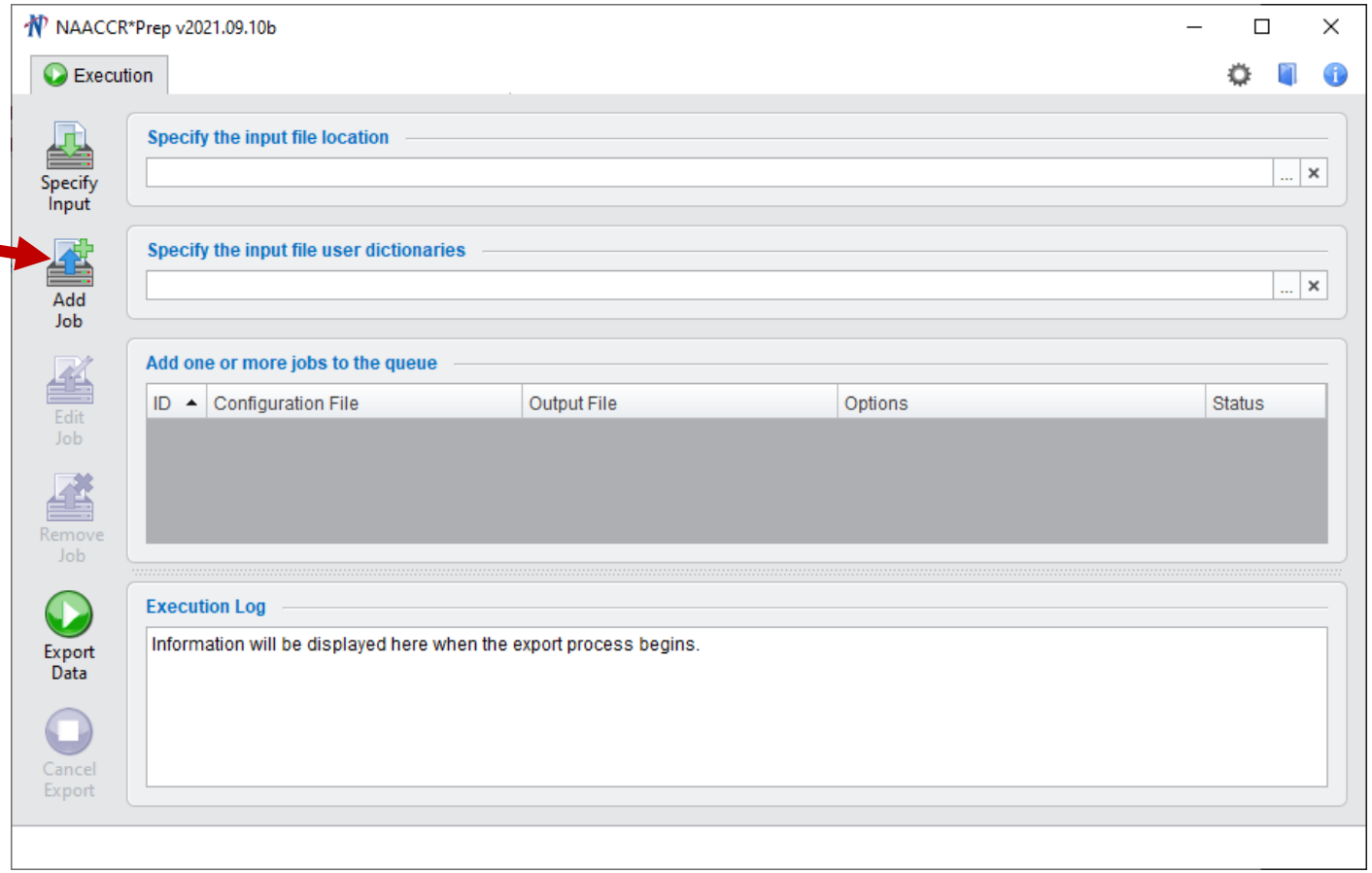
The geocodingAccuracyScore and geocodingAccuracyType fields should already be incorporated in your registry data. These are now standard data items in v26. If you are unable to incorporate these fields in your submission file, you can still submit these variables as a separate csv file.



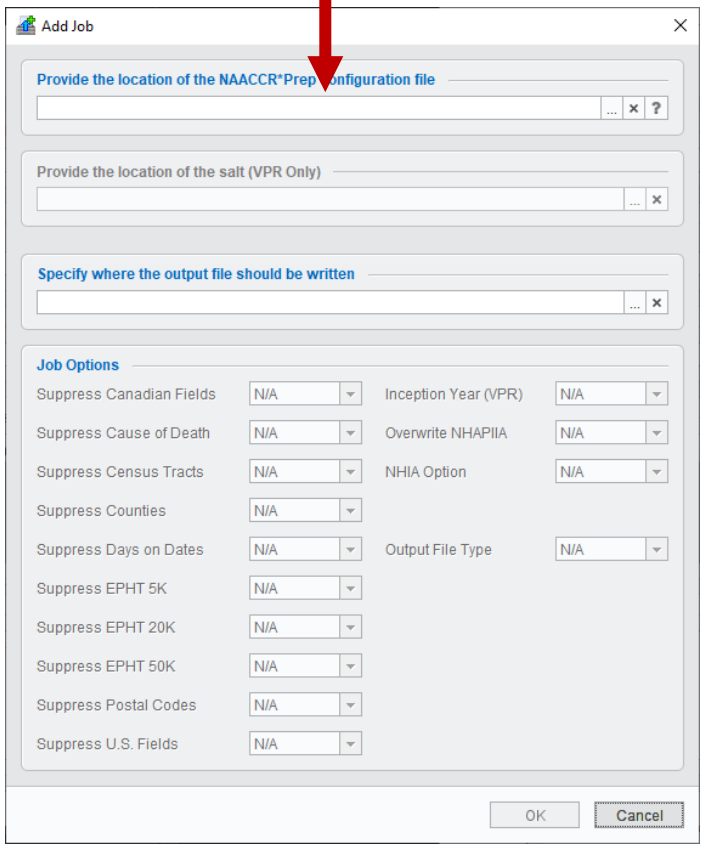
Note: You can press the browse button more than once to select multiple user dictionaries.

NAACCR PREP

3. Press the **Add Job** button.

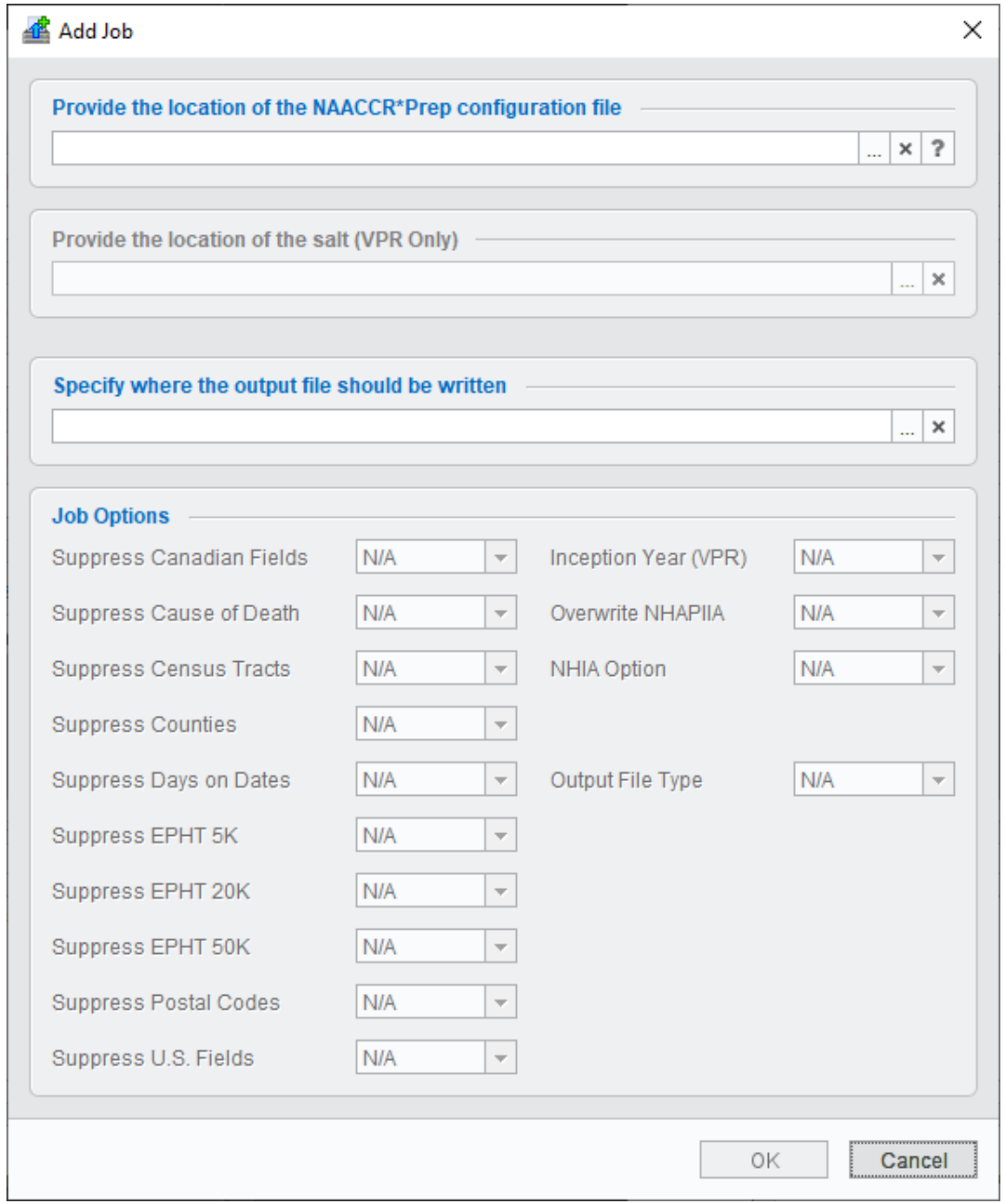


The Job dialog will appear.



NAACCR PREP

3. While viewing the Job dialog….



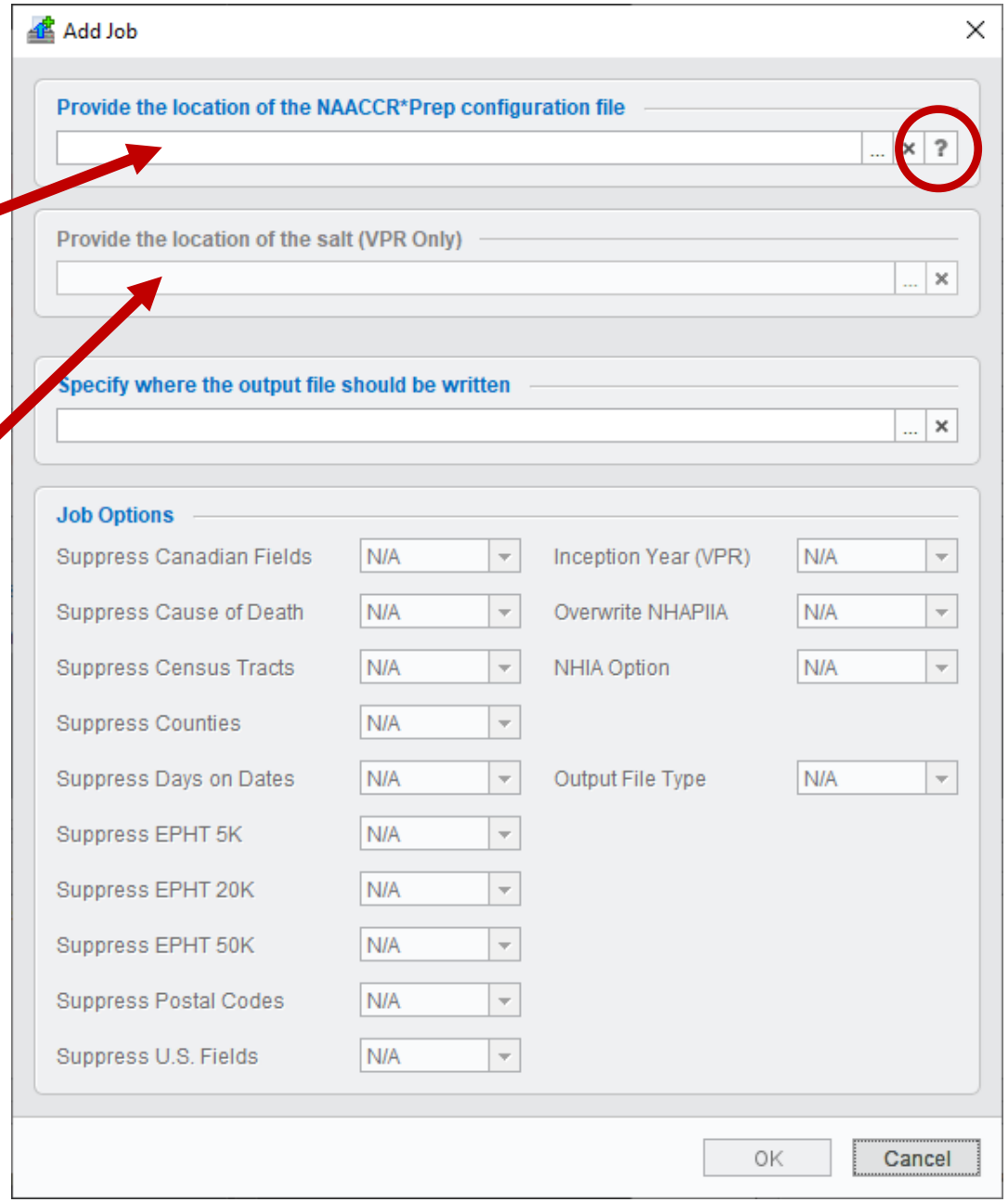
NAACCR PREP

3. While viewing the Job dialog….

A. Provide the location of the NAACCR*Prep configuration file that will be used to generate the output file.

Note: You can preview the configuration settings by pressing the “?” button after selecting the file.

B. If you are creating a VPR file, provide the location of the file containing the salt, which will be used to generate the hash tokens.



NAACCR PREP

3. While viewing the Job dialog….

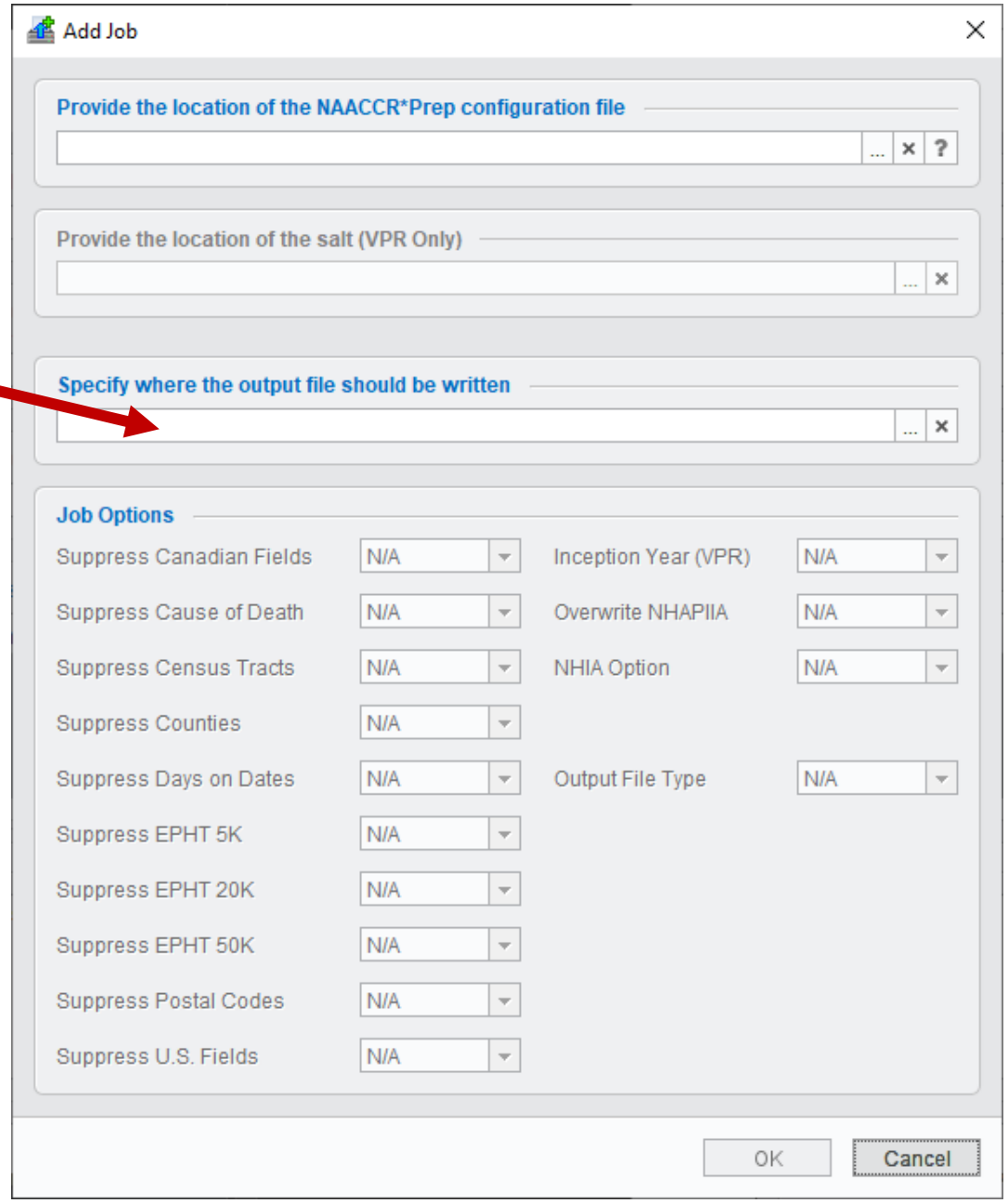
C. Specify where your output file should be written.

- **For Non-VPR Files…**

  NAACCR*Prep will output a **.zip** file that contains:

  - the submission data file (.xml.gz)
  - the NAACCR*Prep configuration file that was selected in step 3A (.prep)
  - submission-specific user-dictionaries (.xml & .csv)
  - the execution log (.log)

- The complete zip file containing all 4 files should be submitted to IMS.



NAACCR PREP

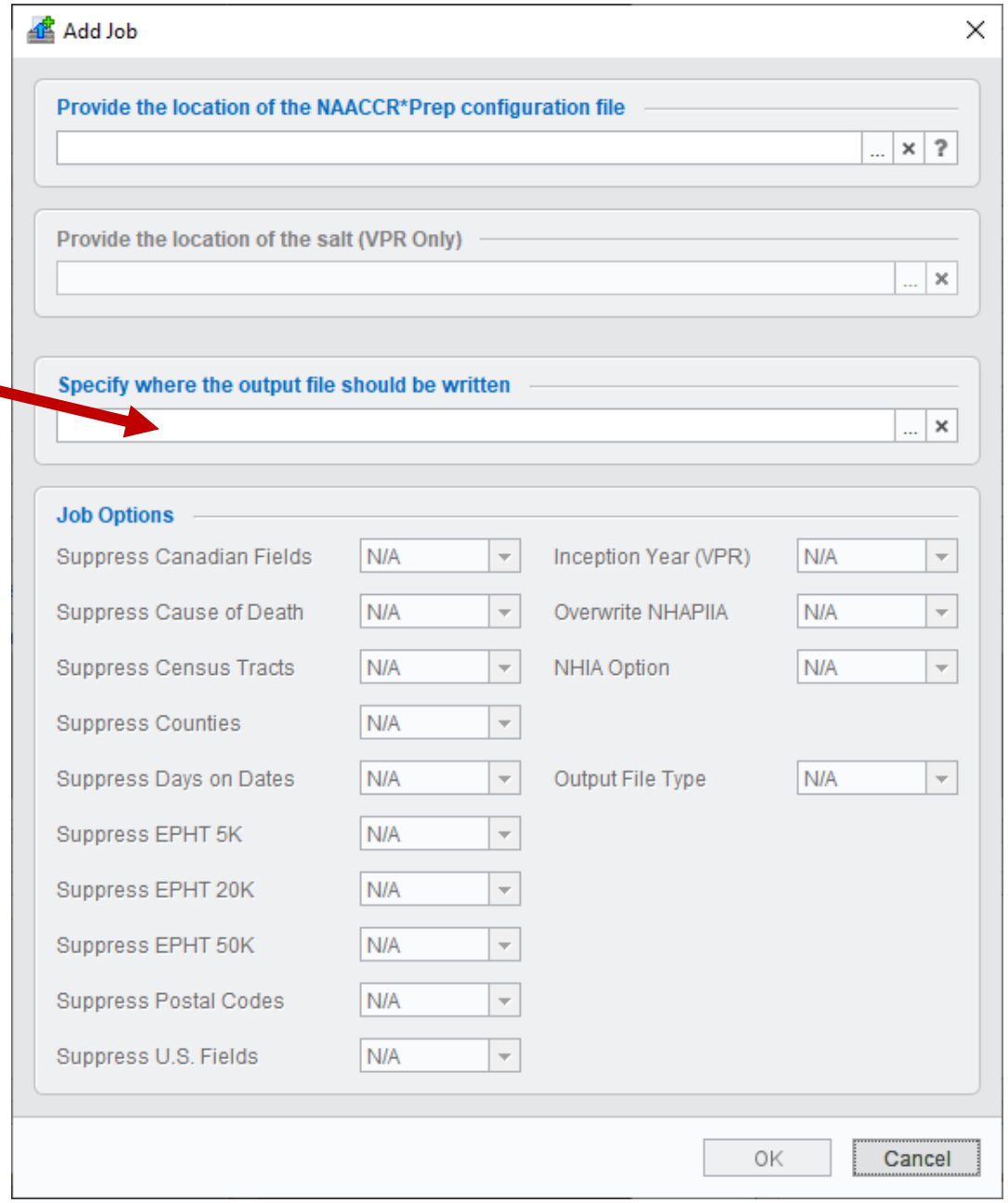
3. While viewing the Job dialog….

C. Specify where your output file should be written.

- **For VPR Files…**

  NAACCR*Prep will output a **.zip** file that contains:

  - the large VPR data file, which contains PII and hash tokens (.xml.gz). This is called the “PII Linkage File” in the VPR-CLS instructions.
  - the small VPR data file, which contains the patient ID and hash tokens only (.pprl.xml.gz). This is called the “PPRL Linkage File” in the VPR-CLS instructions.
  - the NAACCR*Prep configuration file that was selected in step 3A (.prep)
  - 2 sets of submission-specific user-dictionaries (.xml & .csv) – one set for each VPR data file
  - the execution log (.log)



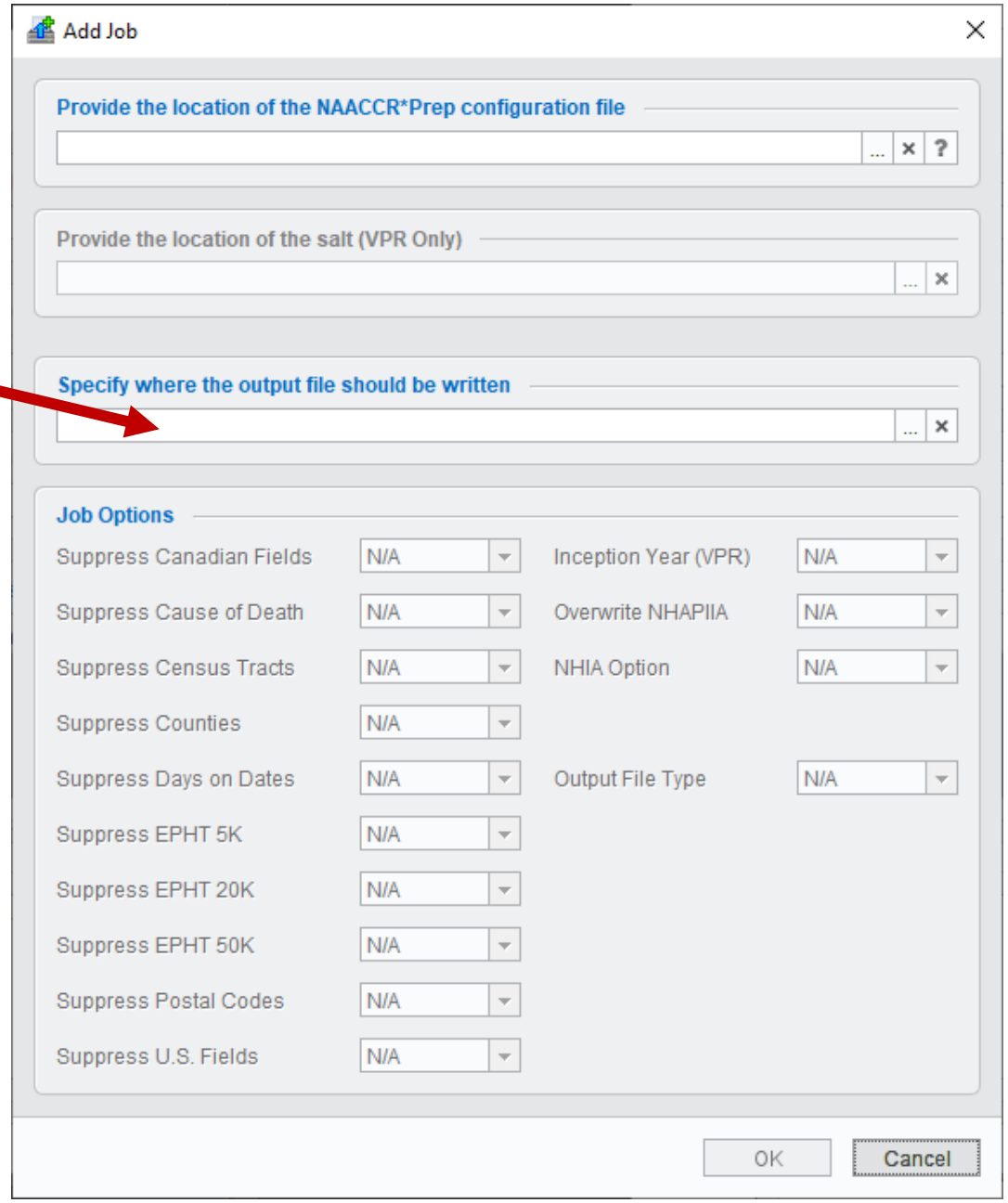
3. While viewing the Job dialog….

C. Specify where your output file should be written.

- **For VPR Files…**

  All registries should submit the log to IMS.

  Registries opting to have IMS perform privacy-preserving record linkages on their behalf should also submit the small VPR file, with the .pprl.xml.gz extension. This is called the “PPRL Linkage File” in the VPR-CLS instructions.

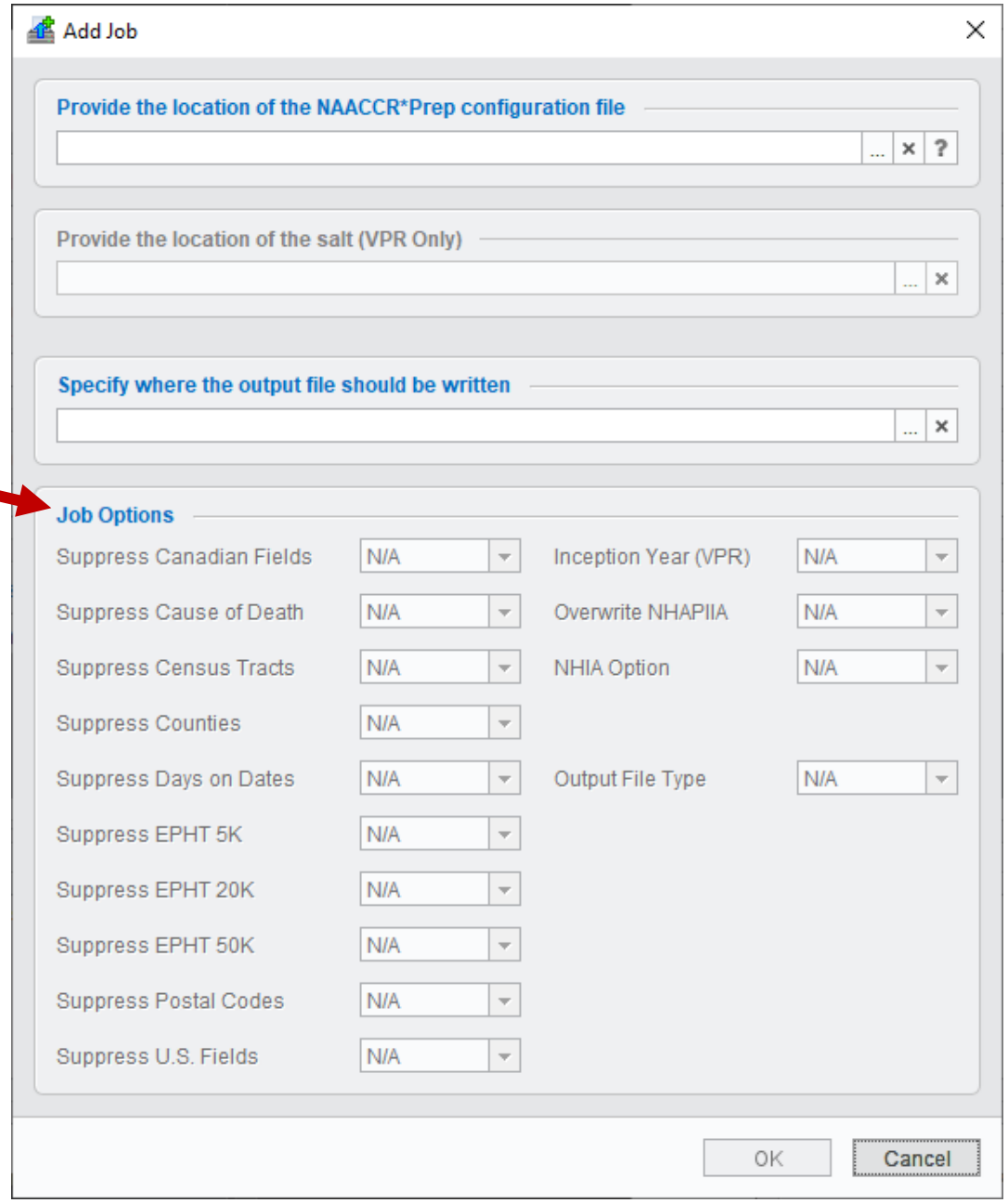


3. While viewing the Job dialog….

C. Set your job options.

- You have the option to suppress certain fields even if NAACCR, NCCR, and/or NPCR have included them in the configuration file.

- The options that will be available to you depend on the configuration file that you selected in step 3A. For example, the option to suppress Census tract will only become enabled if the configuration file that you chose requested that Census tract be submitted, otherwise the option will remain disabled and set to N/A.

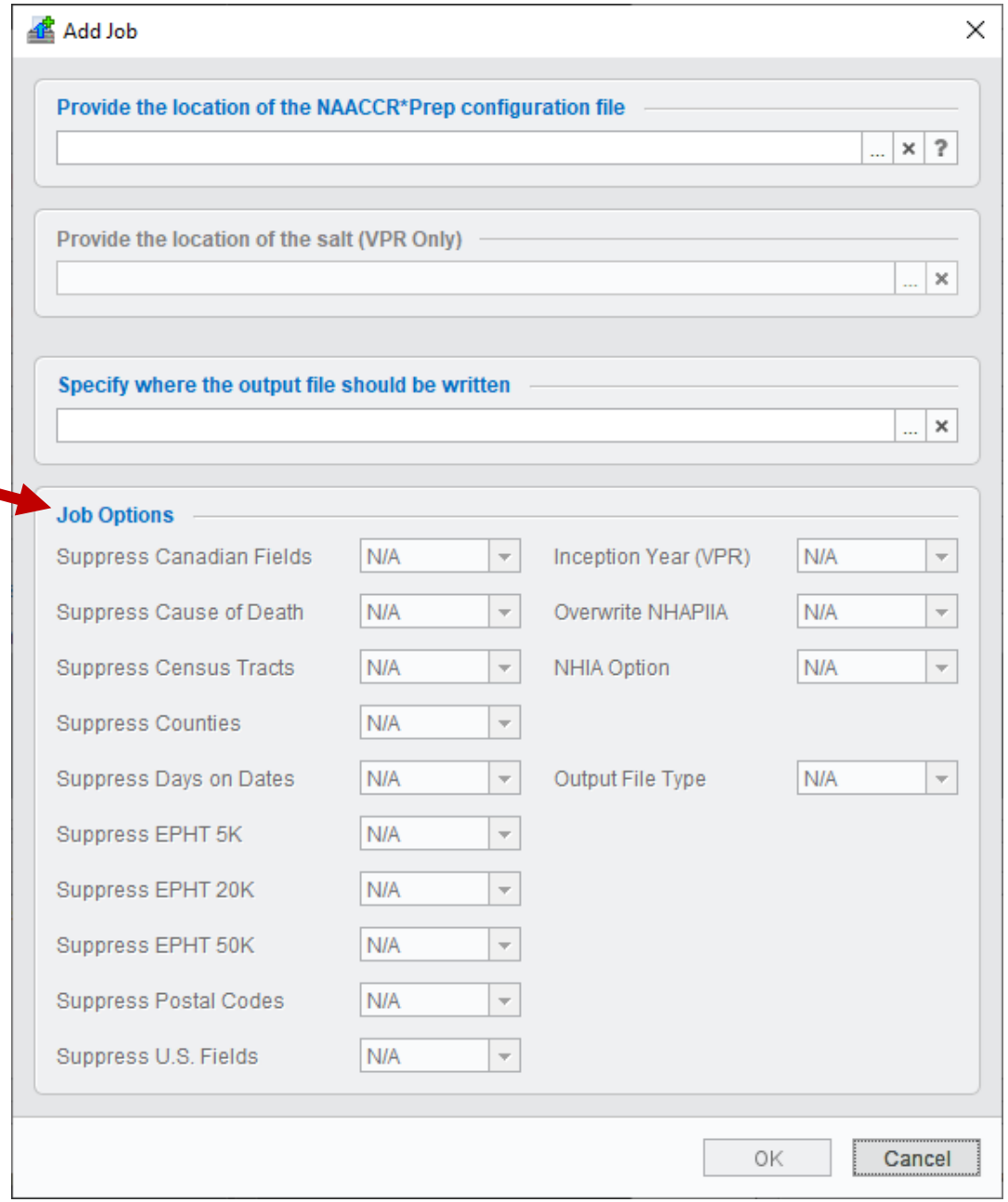


NAACCR PREP

3. While viewing the Job dialog….

C. Set your job options. (cont.)

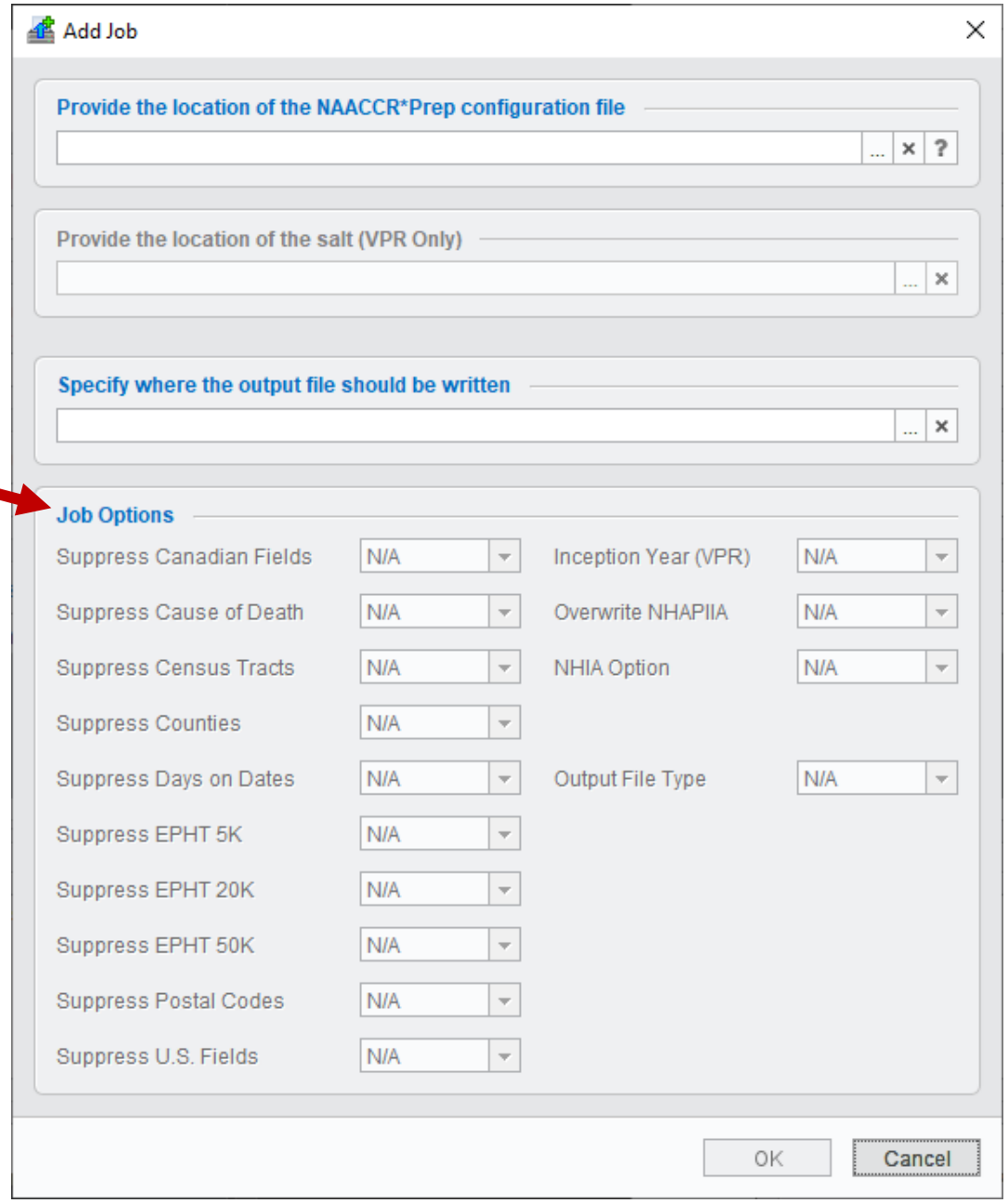
- You may suppress the following:
  - Counties, Postal Codes, and Census Tracts. Each of these default to NO.
  - Days on Date Fields. Defaults to “Option 1” (Suppress day on all dates except date of dx and treatment dates) for NAACCR and “No” for all other submission types.
  - Fields that apply to U.S. registries only (e.g., Race, Hispanic origin). This option is disabled in VPR, NPCR, and NCCR configurations. Defaults to NO, when applicable. **Canadian registries should set this to YES.**
  - Fields that apply to Canadian registries only (Address at DX Postal Code). This option is disabled in VPR, NPCR, and NCCR configurations. Defaults to NO, when applicable. **US registries should set this to YES.**
  - EPHT Fields. Defaults to NO.
  - Cause of Death. Defaults to NO.



3. While viewing the Job dialog….

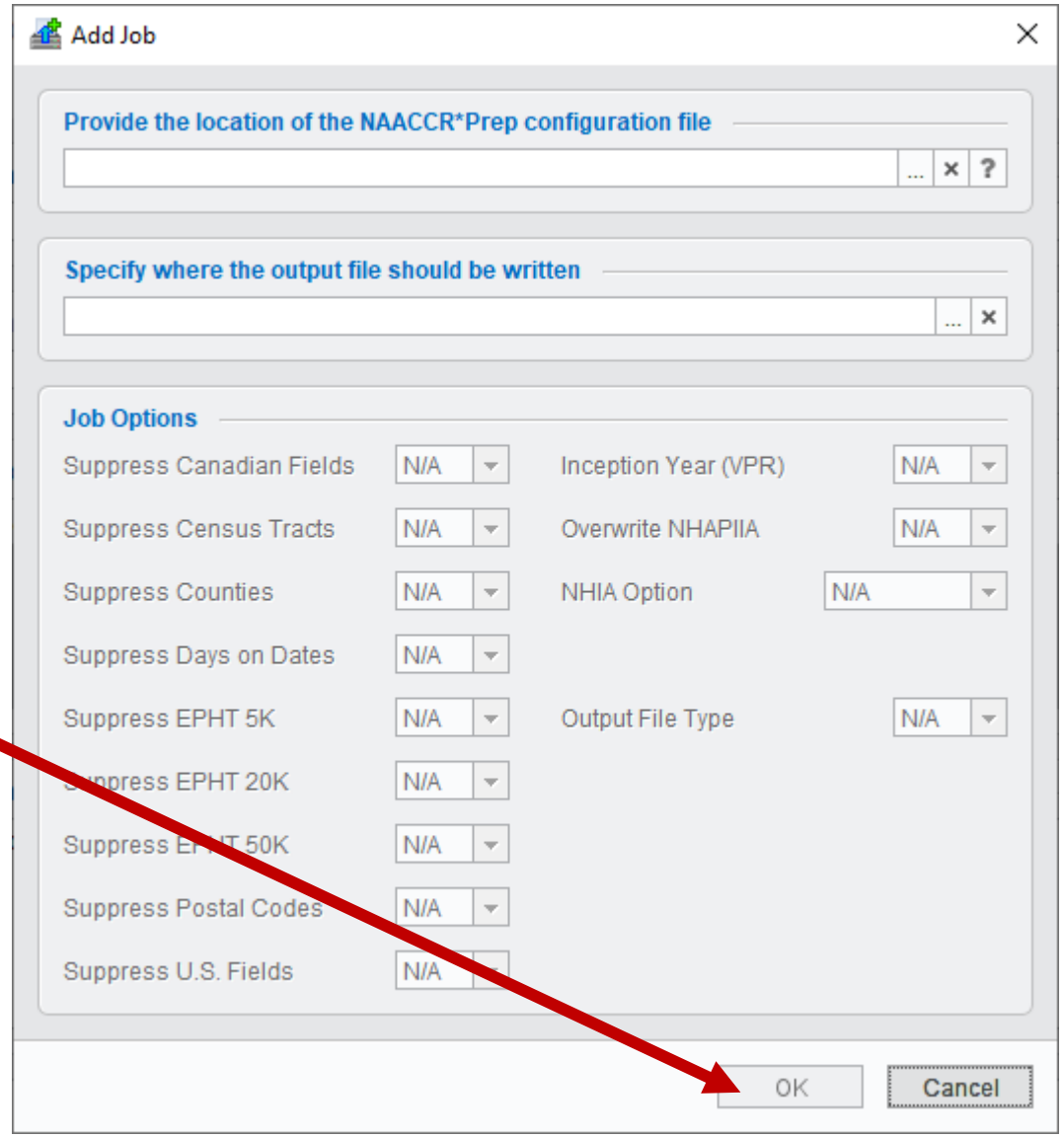
C. Set your job options. (cont.)

- You can change your registry's inception year to something other than 1973 if needed. This option is only enabled for VPR configurations.
- You can control whether any existing NHIA/NAPIIA values are overwritten by NAACCR*Prep if the configuration file you selected includes a calculation for NHIA or NAPIIA.
- You can adjust the NHIA option if the configuration file includes a calculation for the NHIA variable.
- You can set the output file type (XML or CSV).



3. While viewing the Job dialog….

D. Press the **OK** button when you are finished.

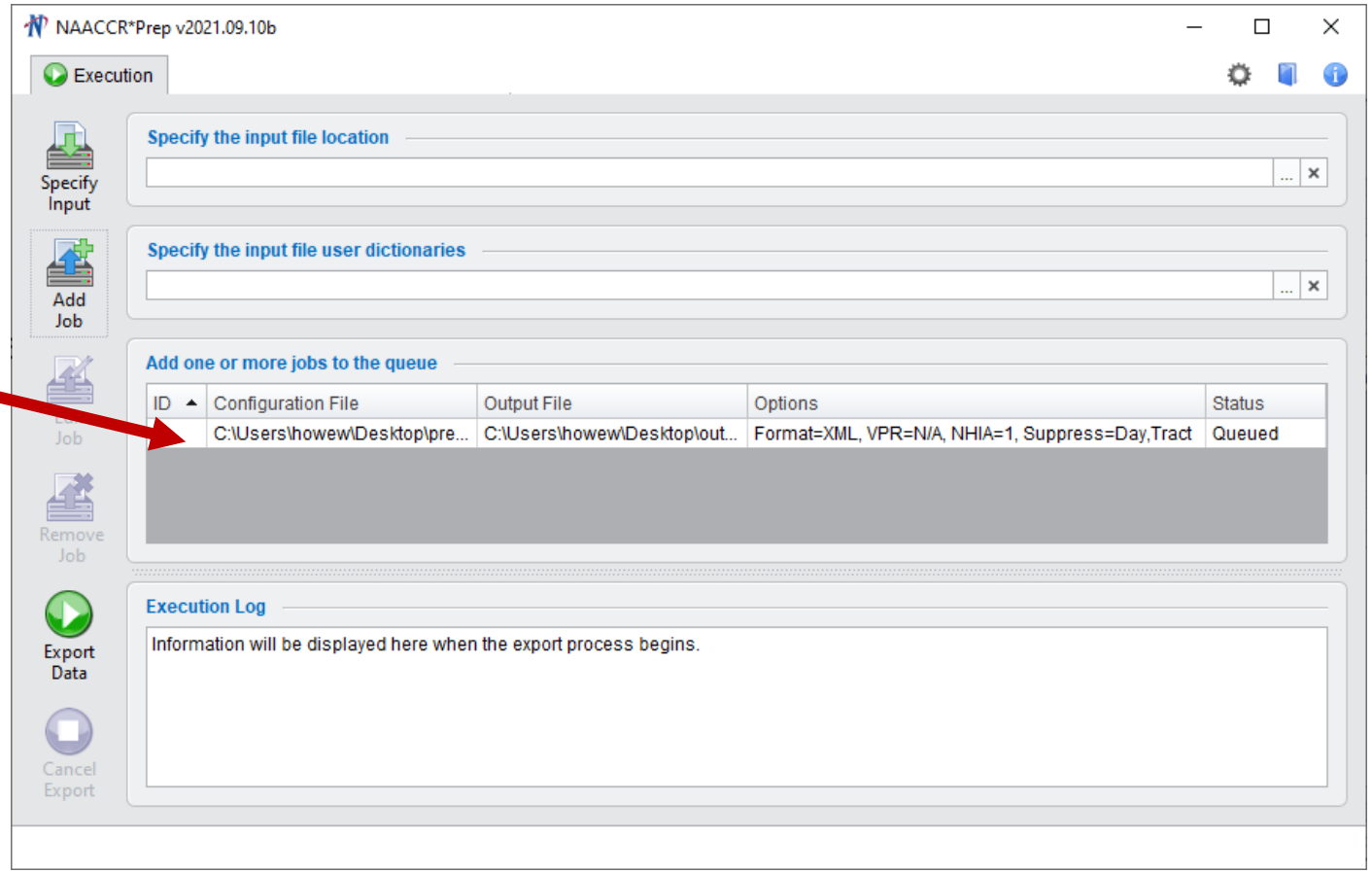


3. While viewing the Job dialog….

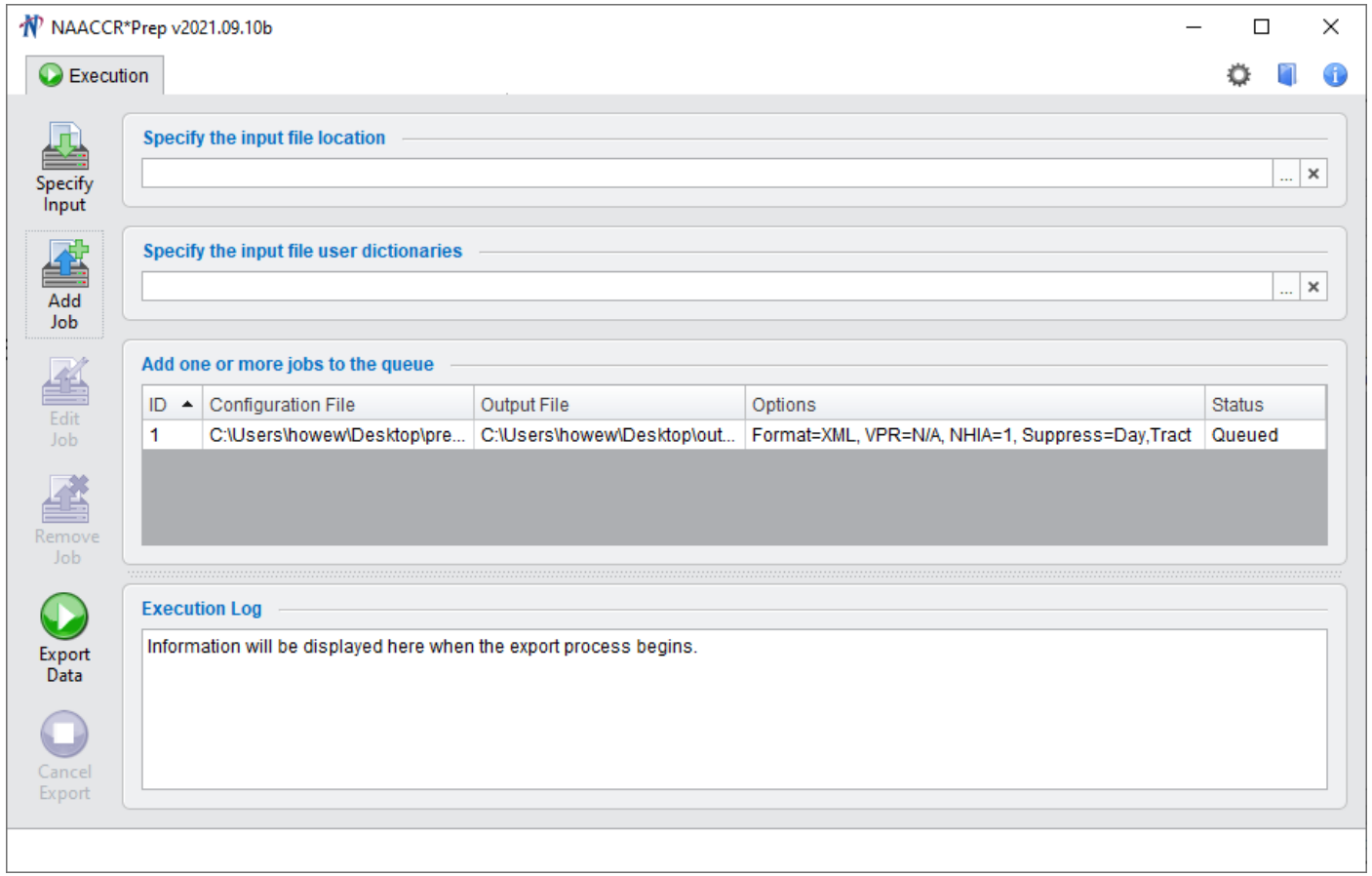
E. The job dialog will close …

3. While viewing the Job dialog….

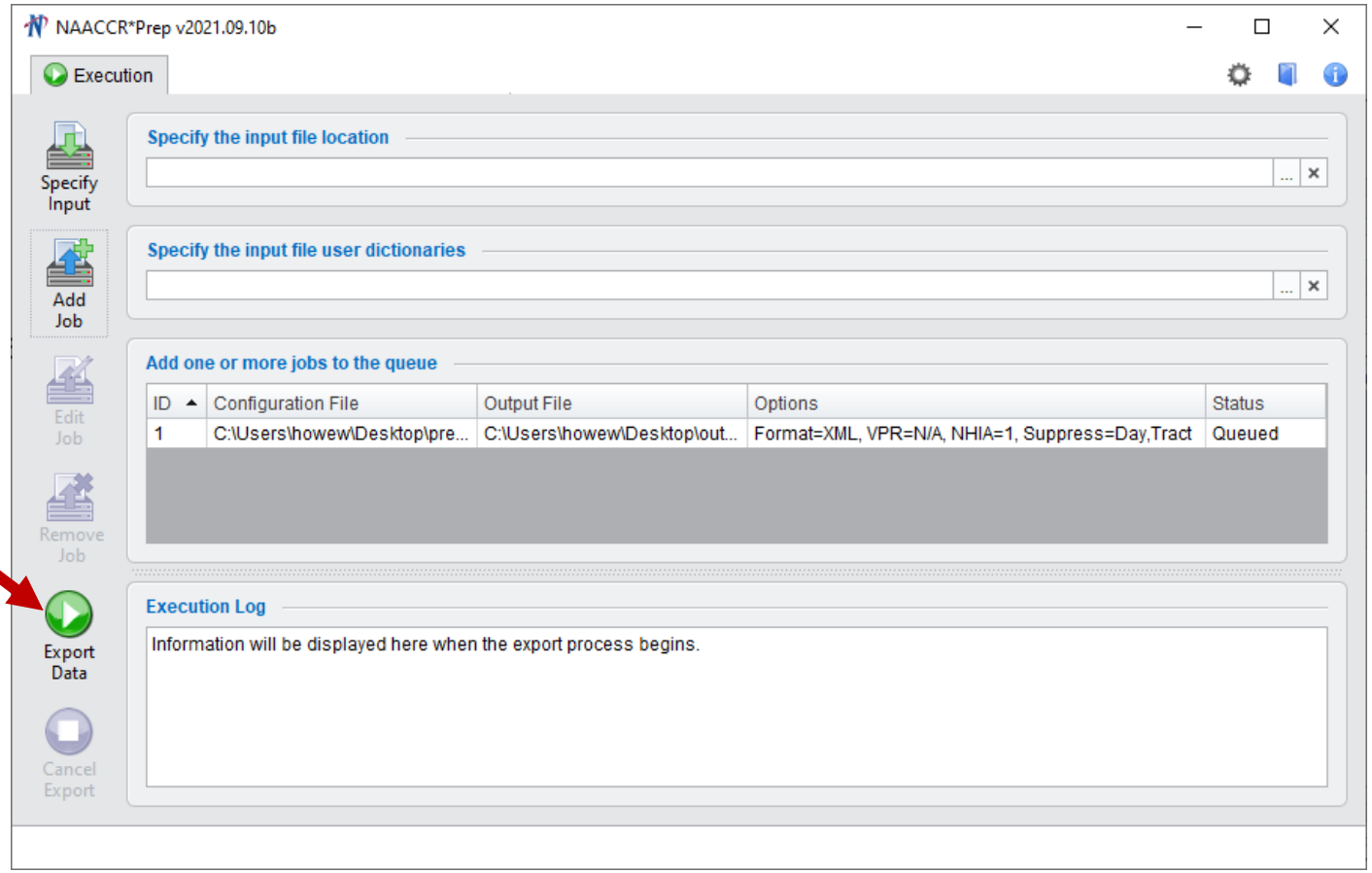
E. The job dialog will close … and the job will be added to the queue.



4. Repeat steps 3A-3E for each configuration file that you need to create an output file from.

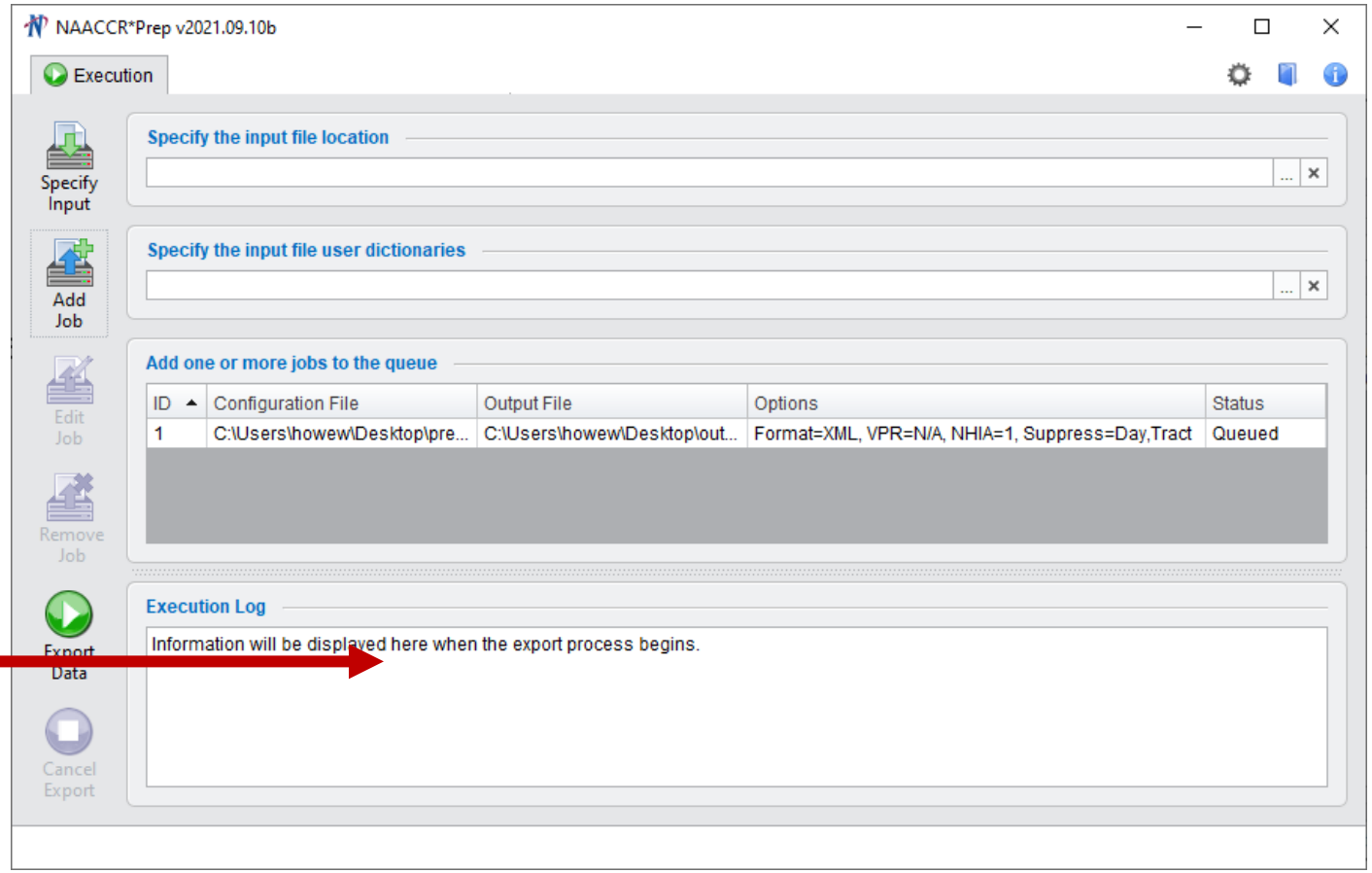


5. Press the **Export Data** button to begin creating the output file(s).



NAACCR PREP

Progress will be displayed in the log and in the bottom/right-hand corner of the screen as each output file is created.

If any of the calculated fields cannot be calculated a warning message will appear in the log.

Please read the messages carefully and make sure that your input file contains all the values need to calculate each field before contacting NAACCR or IMS.