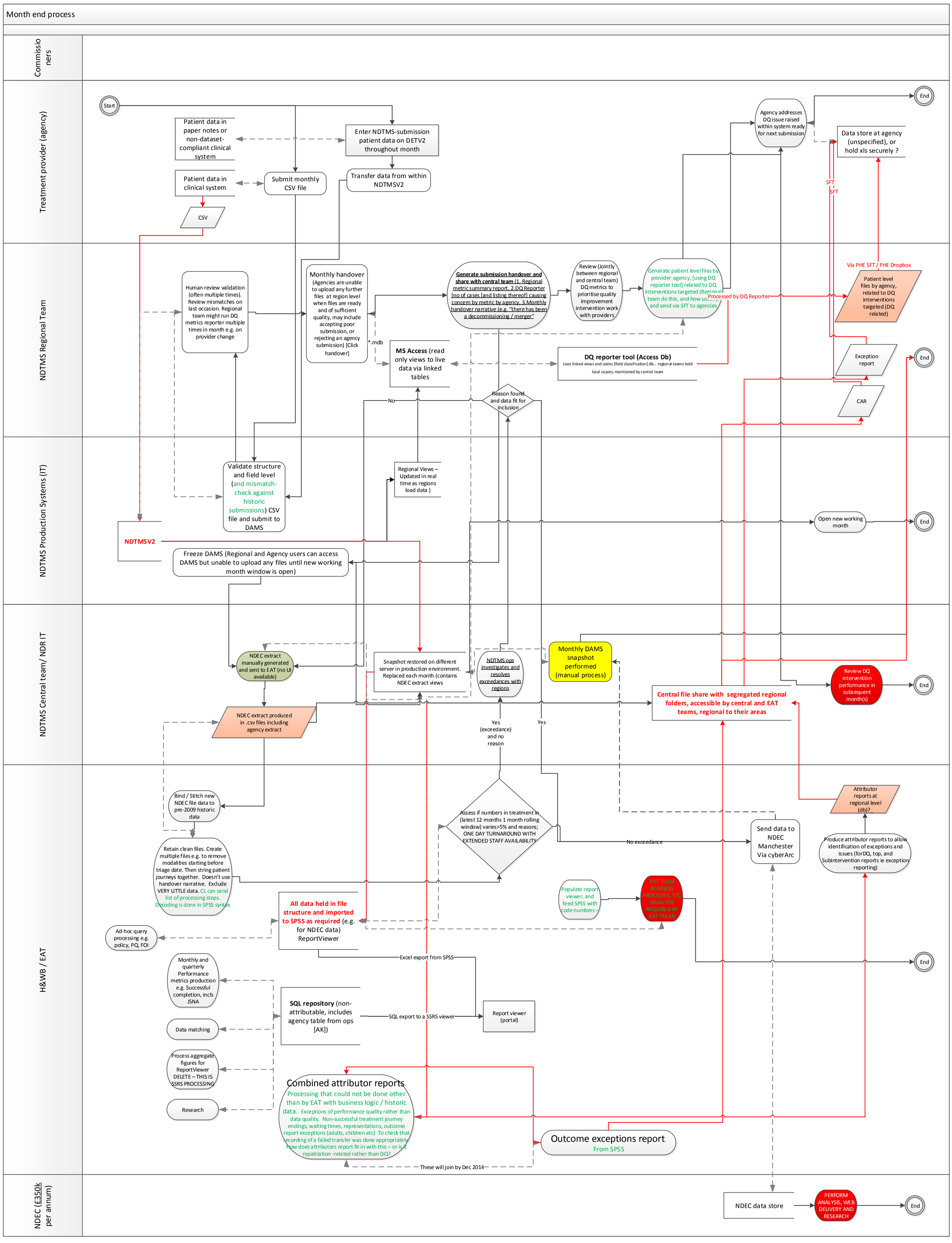
Month end process
Commissioners
Treatment provider (agency)
NDTMS Regional Team
NDTMS Production Systems (IT)
NDTMS Central team/ NDR IT
H&WB / EAT
NDEC (£350k per annum)
Start
End
Patient data in paper notes or non-dataset-compliant clinical system
Enter NDTMS-submission patient data on DETV2 throughout month
Patient data in clinical system
Submit monthly CSV file
Transfer data from within NDTMSV2
CSV
Agency addresses DQ issue raised within system ready for next submission
Data store at agency (unspecified), or hold xls securely ?
SFT
SFT
Human review validation (often multiple times). Review mismatches on last occasion. Regional team might run DQ metrics reporter multiple times in month e.g. on provider change
Monthly handover (Agencies are unable to upload any further files at region level when files are ready and of sufficient quality, may include accepting poor submission, or rejecting an agency submission) [Click handover]
Generate submission handover and share with central team (1. Regional metric summary report, 2.DQ Reporter [no of cases [and listing thereof] causing concern by metric by agency, 3.Monthly handover narrative (e.g. "there has been a decommissioning / merger"
Review (Jointly between regional and central team) DQ metrics to prioritise quality improvement intervention work with providers
Generate patient level files by provider-agency, [using DQ reporter tool] related to DQ interventions targeted (Regional team do this, and how use ... and send via SFT to agencies
Processed by DQ Reporter
Via PHE SFT / PHE Dropbox
Patient level files by agency, related to DQ interventions targeted (DQ related)
*.mdb
MS Access (read only views to live data via linked tables
DQ reporter tool (Access Db)
Uses linked views and codes [field classification] db... regional teams hold local copies, maintained by central team
Exception report
CAR
Reason found and data fit for inclusion
No
Validate structure and field level (and mismatch-check against historic submissions) CSV file and submit to DAMS
Regional Views – Updated in real time as regions load data)
NDTMSV2
Freeze DAMS (Regional and Agency users can access DAMS but unable to upload any files until new working month window is open)
Open new working month
NDEC extract manually generated and sent to EAT (no UI available)
Snapshot restored on different server in production environment. Replaced each month (contains NDEC extract views
NDTMS ops investigates and resolves exceedances with regions
Monthly DAMS snapshot performed (manual process)
Central file share with segregated regional folders, accessible by central and EAT teams, regional to their areas
Review DQ intervention performance in subsequent month(s)
NDEC extract produced in .csv files including agency extract
Yes (exceedance) and no reason
Yes
Bind / Stitch new NDEC file data to pre-2009 historic data
Assess if numbers in treatment in (latest 12 months 1 month rolling window) varies>5% and reasons; ONE DAY TURNAROUND WITH EXTENDED STAFF AVAILABILITY
No exceedance
Send data to NDEC Manchester Via cyberArc
Attributor reports at regional level (db)?
Produce attributor reports to allow identification of exceptions and issues (forDQ, top, and SubIntervention reports ie exception reporting)
Retain clean files. Create multiple files e.g. to remove modalities starting before triage date. Then string patient journeys together. Doesn't use handover narrative. Exclude VERY LITTLE data. CL can send list of processing steps. Decoding is done in SPSS syntax
Populate report viewer, and feed SPSS with code numbers –
EAT TEAM BUSINESS PROCESSES, ETC (ANALYSIS REQUIRED BY EAT TEAM)
All data held in file structure and imported to SPSS as required (e.g. for NDEC data) ReportViewer
Ad-hoc query processing e.g. policy, PQ, FOI
Excel export from SPSS
Monthly and quarterly Performance metrics production e.g. Successful completion, incls JSNA
SQL repository (non-attributable, includes agency table from ops [AK])
SQL export to a SSRS viewer
Report viewer (portal)
Data matching
Process aggregate figures for ReportViewer DELETE – THIS IS SSRS PROCESSING
Research
Combined attributor reports.
Processing that could not be done other than by EAT with business logic / historic data. Exceptions of performance quality rather than data quality. Non-successful treatment journey endings, waiting times, representations, outcome report exceptions (adults, children etc) To check that recording of a failed transfer was done appropriately. How does attributors report fit in with this – or is it repatriation -related rather than DQ?
Outcome exceptions report.
From SPSS
These will join by Dec 2014
NDEC data store
PERFORM ANALYSIS, WEB DELIVERY AND RESEARCH