

CVD Prevent Audit Request

Section 1 – QSR Details

QSR Reference	QSR1920TBC	Status	Draft
Document Title and Version	QSR1920TBC – Cardiovascular Disease Prevention Audit		

Section 2 – Requester Details

Name of Requester	Sarah Marsh	Email Address	sarah.marsh5@nhs.net
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Department and Organisation	NHS England and NHS Improvement		

Section 3 – Quality Service (QS) Detailed Information

QS Title	Cardiovascular Disease Prevention Audit 2019/20		
Prioritisation Level	Choose an item.	QS Start Date (QSSD)	01/04/2019
Service Type	Patient Level Extract Non-Contract	QS End Date (QSED)	31/03/2020
CQRS service short name	TBC	Participation Required by	31/03/2019
QS Payment Period	N/A	Date for processing	1 extract for FY 2019-20 taken in April 2020 Processing of Apr 19-Mar 20 data
		Audit Start Date	01/04/2019
		Audit End Date	31/03/2020
QS Data Extract Frequency	Quarterly	QS Extract Lag	5 working days
Summary of Changes Since Previous Service Period	New specification		
Contract Arrangements and Status			
QS NHS England and NHS Employers Contacts			
Overall Purpose and outline benefits for developing the QS	CVDPREVENT is a national primary care audit to support professionally led quality improvement in the prevention of cardiovascular events in people with and without pre-existing CVD through the detection and management of significant risk factors, including atrial fibrillation, high blood pressure, high cholesterol, diabetes, non-diabetic hyperglycaemia and chronic kidney disease (NHS RightCare CVD Prevention Pathway). The audit will automatically extract routinely held GP data via the general practice		

	<p>extraction service (GPES) and there will be no additional data burden for GPs.</p> <p>Cardiovascular disease is one of the principal causes of premature mortality and a key driver of health inequalities. It is also highly preventable both through behaviour change and through management of the 6 high risk conditions. Although NICE recommended treatment of these conditions is highly effective at preventing cardiovascular events, suboptimal treatment is common, with substantial geographical variation. For example, over 40% of people with diagnosed hypertension are not treated to the NICE 140/90 target, and over 40% of people with known atrial fibrillation who have a stroke have not been anticoagulated prior to their stroke. As well as this under treatment, there is a parallel risk of over treatment in these conditions, for example in individuals with frailty or co-morbidities where benefits of medication may be outweighed by adverse effects.</p> <p>The NHS Long Term Plan has identified CVD prevention as a national clinical priority, with a commitment to prevent 150,000 strokes, heart attacks and cases of dementia over the next ten years by improving the detection and management of the high-risk conditions.</p> <p>Routine audit providing timely data is essential for GP practices and primary care networks (PCN) to identify gaps, inequalities and opportunities for improvement in preventive treatment. The initial CVDPREVENT extract will be for the full year April 2019 – March 2020 with subsequent extracts being on a quarterly basis. This will show how many patients with the high-risk conditions are potentially undiagnosed, under treated or over treated. The audit will generate practice level reporting and will highlight the variation between practices and promote continuous quality improvement. The patient identifiable data will be collected to facilitate data linkage with wider national datasets.</p> <p>This information will also be used to create PCN/CCG/national level data across relevant metrics.</p> <p>The data collected in this audit will be used to inform future planned work in this area such as: The PCN Directed Enhanced Service for CVD prevention and the proposed QOF Quality Improvement module for CVD prevention developed by Royal College of General Practitioners, NICE, NHS England and Public Health England which will require practice level data for the 6 high risk conditions.</p>
Relevant NICE guideline and policies	<p>Type 1 diabetes in adults: diagnosis and management (NG17)</p> <p>Diabetes (type 1 and type 2) in children and young people: diagnosis and management (NG18)</p> <p>Type 2 diabetes in adults: management (NG28)</p> <p>Type 2 diabetes: prevention in people at high risk (PH38)</p> <p>Diabetes in adults (QS6)</p> <p>Diabetes in pregnancy: management from preconception to the postnatal period (NG3)</p> <p>Diabetes in pregnancy (QS109)</p> <p>Diabetic foot problems: prevention and management (NG19)</p> <p>Stop smoking interventions and services (NG92)</p> <p>Smoking: supporting people to stop (QS43)</p> <p>Smoking: harm reduction (PH45)</p> <p>Atrial fibrillation: management (CG180)</p>

	Atrial fibrillation (QS93) Cardiovascular disease: risk assessment and reduction, including lipid modification (CG181) Chronic kidney disease in adults: assessment and management (CG182) Chronic kidney disease in adults (QS5) Hypertension in adults: diagnosis and management (CG127) Hypertension in adults (QS28) Familial hypercholesterolaemia: identification and management (CG71) Familial hypercholesterolaemia (QS41) Cardiovascular disease prevention (PH25) Cardiovascular disease: identifying and supporting people most at risk of dying early (PH15) Cardiovascular risk assessment and lipid modification - Quality standard [QS100] NHS long term plan – Cardiovascular Disease Peripheral arterial disease: diagnosis and management (CG147) Myocardial infarction: cardiac rehabilitation and prevention of further cardiovascular disease (CG172) Chronic heart failure in adults: diagnosis and management (NG106)
Who commissions and provides the QS?	
Is the service customisable by the commissioning organisation on CQRS?	N/A
Details of all related QS Payment Codes/Ledger codes	N/A
Payment details	There are no payments associated with this service.

Note: For the purposes of the QSR 'Cumulative' data collections are extracts which have varying incremental end dates but where groups of extracts or all extracts have a single start date e.g. each extract across the year starts at the QSSD and is taken up the achievement date. Since patients may change practice during the year this is not a true cumulative data collection as patients may drop out of counts or enter counts at a later stage; however, this is the terminology used in this document to describe these kinds of counts. 'Non-cumulative' refers to data collections which are discrete extracts between two dates. These non-cumulative data collections do not overlap.

Section 4 – Indicators

Indicator 1			
Indicator title	<p>Patients registered in a GP practice that have been diagnosed with at least one of the six high risk conditions (Hypertension, Familial Hypercholesterolaemia and other Hyperlipidaemias, Chronic kidney disease (grades 3 to 5), Non-diabetic hyperglycaemia, Type 1 or Type 2 diabetes mellitus or Atrial fibrillation) up to and including 31 March 2020 who have not dissented to their data being used for National Audit or collections.</p>		
Indicator ID	CVDPCX001	Type of indicator	Cohort
Indicator structure	Patient Level Extract	Cumulative or Non	Cumulative count
Purpose of indicator	<p>The purpose of this indicator is to audit primary prevention of cardiovascular disease through the management of six high risk conditions in people who have not had previous cardiovascular events such as heart attack or stroke. Optimal preventive treatment in these conditions is defined in NICE guidance. It is recognised that significant numbers of patients are not treated to NICE recommended targets, and that there is significant geographical variation in treatment.</p> <p>The indicator will support clinicians to identify gaps and inequalities in treatment (including both over and under treatment) to inform professionally led quality improvement.</p> <p>This indicator will also identify people who may have one or more of the six high-risk conditions already but have another that has not been coded as diagnosed. It is not uncommon for patients to have an abnormality recorded (for example abnormal blood pressure, cholesterol, sugar or kidney function) without appropriate clinical follow up (e.g. repeat measurement, further investigation). This may occur because patients may have no symptoms or do not make a follow up appointment with the information becoming hidden from view over time.</p> <p>This indicator will support clinicians to identify patients who require further assessment and who may have a further undiagnosed high risk condition.</p> <p>This cohort contains patients with any of the below conditions diagnosed up to and including 31 March 2020:</p> <ul style="list-style-type: none"> • Hypertension • Familial Hypercholesterolaemia and other Hyperlipidaemias • Chronic kidney disease (grades 3 to 5) • Non-diabetic hyperglycaemia • Type 1 or Type 2 diabetes mellitus • Atrial fibrillation (including atrial flutter) 		
Validation rule requirements	<ul style="list-style-type: none"> • Currently registered patients. • At least one priority condition listed above. 		
Patient age	<p>Patients aged 16 and over, or no age limit for those with diabetes and / or familial hypercholesterolaemia and other hyperlipidaemias.</p>		
Timeframe for event(s)	<p>The diagnosis can be anywhere in the patient record, up to and including 31 March 2020.</p>		
Multiple occurrences of event(s)	<p>Person will only appear once in the cohort.</p>		

Sequencing of events	Patients that have a resolved code recorded following their most recent diagnosis will be included, as for this service they should be managed the same way as patients already diagnosed with one of the priority conditions.
Exclusions	<p>Patients that have dissented from participation in national audit or collections:</p> <ul style="list-style-type: none"> • Patients with a dissent from national audit code at any time with no subsequent consent • Patients who have a Dissent from secondary use of general practitioner patient identifiable data with no subsequent dissent withdrawn code. <p>Patients with existing CVD</p> <ul style="list-style-type: none"> • Myocardial infarction or acute coronary syndrome • Stroke or TIA • Coronary heart disease • Heart failure. • Abdominal aortic aneurysm • Peripheral arterial disease
Indicator related Clinical code clusters	

NOT FOR WIDER CIRCULATION

Indicator 2			
Indicator title	Patients registered in GP practice with Cardiovascular Disease diagnosed up to and including 31 March 2020, who have not dissented to their data being used for National audit or collections.		
Indicator ID	CVDPCX002	Type of indicator	Cohort
Indicator structure	Patient Level Extract	Cumulative or Non	Cumulative count
Purpose of indicator	<p>The purpose of this indicator is to audit secondary prevention of subsequent cardiovascular events in people with pre-existing cardiovascular disease through clinical risk factor management. Optimal secondary preventive treatment in these patients is defined in NICE guidance. It is recognised that significant numbers of patients are not treated to NICE recommended targets, and that there is significant geographical variation in treatment. Some of these patients are also at risk of treatment related harm, particularly those with multimorbidity or frailty. The indicator will support clinicians to identify gaps and inequalities in treatment (including both over and under treatment) to inform professionally led quality improvement.</p> <p>This indicator will identify people who have CVD already but may also have one or more of the six high risk conditions diagnosed, or not yet coded as diagnosed. It is not uncommon for patients to have an abnormality recorded (for example abnormal blood pressure, cholesterol, sugar or kidney function) without appropriate clinical follow up (e.g. repeat measurement, further investigation). This may occur because patients may have no symptoms or do not make a follow up appointment with the information becoming hidden from view over time.</p> <p>This indicator will support clinicians to identify patients who require further assessment and who may have a further undiagnosed high risk condition.</p> <p>This cohort contains patients with existing CVD</p> <ul style="list-style-type: none"> • Myocardial infarction or acute coronary syndrome • Stroke or TIA • Coronary heart disease • Heart failure • Abdominal aortic aneurysm • Peripheral arterial disease 		
Validation rule requirements	<ul style="list-style-type: none"> • Currently registered patients. • Patient has at least one of the above conditions (existing CVD). 		
Patient age	All ages.		
Timeframe for event(s)	The diagnosis can be anywhere in the patient record, up to and including 31 March 2020.		
Multiple occurrences of event(s)	Person will only appear once in the cohort.		
Sequencing of events	Patients that have a resolved code recorded following their most recent diagnosis will be included, as for this service they should be managed the same way as patients already diagnosed with Cardiovascular Disease.		
Exclusions	<p>Patients that have dissented from participation in national audit or collections:</p> <ul style="list-style-type: none"> • Patients with a dissent from national audit code at any time with no subsequent consent 		

	<ul style="list-style-type: none">• Patients who have a Dissent from secondary use of general practitioner patient identifiable data with no subsequent dissent withdrawn code.
Indicator related Clinical code clusters	

NOT FOR WIDER CIRCULATION

Indicator 3			
Indicator title	Patients registered in GP practice without a coded diagnosis of any of the 6 high-risk conditions (Hypertension, Familial Hypercholesterolaemia and other Hyperlipidaemias, Chronic kidney disease (grades 3 to 5), Non-diabetic hyperglycaemia, Type 1 or Type 2 diabetes mellitus or Atrial fibrillation) or existing CVD, and who have entries in their record that suggest they may have an undiagnosed high-risk condition, up to and including 31 March 2020 who have not dissented to their data being used for National audit or collections.		
Indicator ID	CVDPCX003	Type of indicator	Cohort
Indicator structure	Patient Level Extract	Cumulative or Non	Cumulative count
Purpose of indicator	<p>The purpose of this indicator is to audit detection and diagnosis of the high-risk conditions for CVD (as listed in cohort 1), identifying people who may have the high-risk conditions but have not been coded as diagnosed. It is not uncommon for patients to have an abnormality recorded (for example abnormal blood pressure, cholesterol, sugar or kidney function) without appropriate clinical follow up (e.g. repeat measurement, further investigation). This may occur because patients may have no symptoms or do not make a follow up appointment with the information becoming hidden from view over time.</p> <p>This indicator will support clinicians to identify patients who require further assessment and who may have an undiagnosed high risk condition and are therefore not benefitting from appropriate primary preventative interventions.</p> <p>This cohort contains patients without a diagnosis of CVD, hypertension, familial hypercholesterolaemia and other hyperlipidaemias , CKD (grades 3-5), non-diabetic hyperglycaemia, diabetes and atrial fibrillation with:</p> <ul style="list-style-type: none"> • A blood pressure reading of 140/90 or over • A high cholesterol reading as defined: <ul style="list-style-type: none"> ○ Patients of any age with a total cholesterol reading of greater than 5.0 mmol/l without a QRISK score recorded. ○ Patients of any age with an LDL-C reading of greater than 3.0 mmol without a QRISK score recorded. • Patients of any age that have a Simon Broome or Dutch lipid score recorded. • Have statins prescribed at any age • Patients with their latest two eGFR readings recorded of less than 60ml per minute at least 90 days apart • Patients with only one record of an eGFR reading ever and this reading is less than 60ml per minute • Patients with their latest two ACR readings recorded of greater than 3 mg/mmol more than 90 days apart • Patients of any age with a HbA1c value of 42mmol/l or over • Patients of any age with a fasting plasma glucose of 5.5mmol/l or over • Patients of any age with a random glucose test of 11mmol/l or over • Diagnosed with Gestational Diabetes • Patients of any age that have a non-QOF diabetes diagnosis code recorded • Codes to suggest possible/ probable atrial fibrillation without an atrial fibrillation diagnosis <ul style="list-style-type: none"> ○ ECG indicates possible or probable atrial fibrillation ○ Having an irregular pulse or SVT ○ History of atrial fibrillation ○ Having a CHADS2 or CHADSVASc risk score code ○ Having an atrial fibrillation monitoring code ○ Atrial fibrillation treatment code 		

	<ul style="list-style-type: none"> • A QRISK value of 10 or over
Validation rule requirements	<ul style="list-style-type: none"> • Currently registered patients. • Patients are not included in the other cohorts
Patient age	Patients turning 16 in the audit period, unless stated in specific criteria above (i.e. patient must be 16 on the 31 March 2020).
Timeframe for event(s)	The measurements and diagnosis used can appear at any point in the patient record, up to and including 31 March 2020.
Multiple occurrences of event(s)	Patient should only be included once in the cohort.
Sequencing of events	N/A
Exclusions	<p>Patients not included in Cohort 1 and 2 as defined:</p> <p>Patients with existing CVD</p> <ul style="list-style-type: none"> • Myocardial infarction or acute coronary syndrome • Stroke or TIA • Coronary heart disease • Heart failure. • Abdominal aortic aneurysm • Peripheral arterial disease <p>Patients diagnosed with one of the six priority conditions:</p> <ul style="list-style-type: none"> • Hypertension • Familial hypercholesterolaemia and other hyperlipidaemias • Chronic kidney disease (grades 3 to 5) • Non-diabetic hyperglycaemia • Diabetes • Atrial fibrillation (including atrial flutter) <p>Patients that have dissented from participation in national audit or collections:</p> <ul style="list-style-type: none"> • Patients with a dissent from national audit code at any time with no subsequent consent <p>Patients who have a Dissent from secondary use of general practitioner patient identifiable data with no subsequent dissent withdrawn code.</p>
Indicator related Clinical code clusters	

Extract ID	Description	Applied to population:
CVDP001	Cardiovascular Disease Prevention Audit Primary Care Extraction- People diagnosed with at least one of the six high risk conditions (Hypertension, Familial Hypercholesterolaemia and other Hyperlipidaemias Chronic kidney disease (grades 3 to 5), Non-diabetic hyperglycaemia, Type 1 or Type 2 diabetes mellitus or Atrial fibrillation) up to and including 31 March 2020 who have not dissented to their data being used for National Audit or collections.	CVDP001

For every data item listed in the journals table below, bring back all the following fields where present:

- Date
- Code
- Value Condition 1
- Value Condition 2
- Prescription Value 1
- Prescription Value 2

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
1	Patients Table	PatientTable.Date of Birth	Patient's date of birth
2	Patients Table	PatientTable.NHS Number	Patient's NHS number
3	Patients Table	PatientTable.Postcode	Postcode of patient's CURRENT address only
4	Patients Table	PatientTable.Practice	The national practice code for the practice
5	Patients Table	PatientTable.Sex	Patient's sex
6	Journals Table	Latest Ethnicity	The latest ethnicity of the patient
7	Journals Table	BMI_DAT	Latest date, code and value of the BMI recorded up to and including the reporting period end date.
8	Journals Table	HEIGHT_DAT	Latest date, code and value associated with the height recordings up to and including the reporting period end date.
9	Journals Table	WEIGHT_DAT	Latest date, code and value associated with the weight recordings up to and including the reporting period end date.
10	Journals Table	MH_DAT	The code and date of the earliest severe mental health diagnosis recorded up to and including the reporting period end date.
11	Journals Table	LDA_DAT	The code and date of the earliest learning disability (including autism) diagnosis recorded up to and including the reporting period end date.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
12	Journals Table	CAN_DAT	The code and date of the earliest cancer diagnosis recorded up to and including the reporting period end date.
13	Journals Table	PALCARE_DAT	The code and date of the earliest palliative care recorded on the patients record up to and including the reporting period end date.
14	Journals Table	DMTYPE1_DAT	The code and date of the earliest Type 1 diabetes mellitus diagnosis recorded up to and including the reporting period end date.
15	Journals Table	DMTYPE2_DAT	The code and date of the earliest Type 2 diabetes mellitus diagnosis recorded up to and including the reporting period end date.
16	Journals Table	DMRES_DAT	The code and date of the latest diabetes mellitus resolved which is not superseded by a diabetes diagnosis recorded up to and including the reporting period end date.
17	Journals Table	NONQOFDM_DAT	The code and date of the earliest Non-QOF diabetes diagnosis recorded up to and including the reporting period end date.
18	Journals Table	HYP_DAT	The code and date of the earliest hypertension diagnosis recorded up to and including the reporting period end date.
19	Journals Table	HYPRES_DAT	The code and date of the latest hypertension resolved code which is not superseded by a hypertension diagnosis recorded up to and including the reporting period end date.
20	Journals Table	SEVHYP_DAT	The code and date of the latest severe hypertension diagnosis recorded in the 15 months up to and including the reporting period end date.
21	Journals Table	FHYP_DAT	The code and date of the earliest familial hypercholesterolaemia and other hyperlipidaemias diagnosis recorded up to and including the reporting period end date.
22	Journals Table	PROBFH_DAT	The code and date of the earliest probable familial hypercholesterolaemia and other hyperlipidaemias recorded up to and including the reporting period end date.
23	Journals Table	POSSFH_DAT	The code and date of the earliest possible familial hypercholesterolaemia and other hyperlipidaemias recorded up to and including the reporting period end date.
24	Journals Table	FHYPGEN_DAT	The code and date of the earliest genetic familial hypercholesterolaemia and other hyperlipidaemias diagnosis recorded up to and including the reporting period end date.

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
25	Journals Table	CKD_DAT	The code and date of the earliest CKD (grade 3-5) diagnosis recorded up to and including the reporting period end date.
26	Journals Table	CKD1AND2_DAT	The code and date of the latest CKD (grades 1&2) which is not superseded by a CKD (grade 3-5) diagnosis recorded up to and including the reporting period end date.
27	Journals Table	CKDSTAGELAT_DAT	The code and date of the latest stage of CKD recorded up to and including the reporting period end date.
28	Journals Table	CKDRES_DAT	The code and date of the latest CKD resolved code recorded after the most recent CKD diagnosis recorded up to and including the reporting period end date.
29	Journals Table	IGTNDHPREDM_DAT	The code and date of the earliest diagnosis of non-diabetic hyperglycaemia or impaired glucose tolerance or pre-diabetes recorded up to and including the reporting period end date.
30	Journals Table	AF_DAT	The code and date of the earliest atrial fibrillation or atrial flutter diagnosis recorded up to and including the reporting period end date.
31	Journals Table	AFRES_DAT	The code and date of the latest atrial fibrillation resolved code recorded after the most recent atrial fibrillation diagnosis recorded up to and including the reporting period end date.
32	Journals Table	GESTDIAB_DAT	The code and date of the earliest gestational diabetes diagnosis recorded up to and including the reporting period end date.
33	Journals Table	{BP_DAT}	All codes, dates and value 1's and value 2's of the blood pressure readings up to and including the reporting period end date.
34	Journals Table	{HOMEBP_DAT}	All codes, dates and value 1's and value 2's of the home blood pressure reading within 3 months prior to a new diagnosis of hypertension (recorded on HYP_DAT where HYP_DAT is within 12 months of the reporting period end date).
35	Journals Table	{ABP_DAT}	All codes, dates and value 1's and value 2's of the ambulatory blood pressure reading within the 3 months prior to a new diagnosis of hypertension (recorded on HYP_DAT where HYP_DAT is within 12 months of the reporting period end date).
36	Journals Table	NSMOK_DAT	Date and code of the latest smoking habit code recorded as 'never smoked'.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
37	Journals Table	EXSMOK_DAT	Date and code of the of the latest recording of 'exsmoker' where there are 'exsmoker' codes recorded in three consecutive years
38	Journals Table	CSMOK_DAT	The date and code of the latest smoking status recorded as 'current smoker' up to and including the reporting period end date.
39	Journals Table	SMOKCESS_DAT	The date and code of the latest smoking cessation intervention (advice, referral or prescription) recorded within the 15 months up to and including the reporting period end date.
40	Journals Table	HIGHCHOL_DAT	The code, date and value of the earliest high cholesterol reading defined as any of the following: <ul style="list-style-type: none"> • A total cholesterol reading of greater than or equal to 5 mmol/l • An LDL-C cholesterol reading of greater than or equal to 3 mmol/l • A non-HDL-C cholesterol reading of greater than or equal to 5.9 mmol/l recorded up to and including the reporting period end date.
41	Journals Table	TCCHOLLAT_DAT	The date, code and value of the latest total cholesterol recorded in the 15 months up to and including the reporting period end date.
42	Journals Table	{POSTHIGHTCHOL_DAT}	All dates, codes and values associated with total cholesterol recordings from the first high total cholesterol reading (HIGHCHOL_DAT) up to and including the reporting period end date.
43	Journals Table	HDLCLAT_DAT	The date, code and value of the latest HDL-C cholesterol recorded in the 15 months up to and including the reporting period end date.
44	Journals Table	{POSTHIGHHDLC_DAT}	All dates, codes and values associated with HDL-C cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
45	Journals Table	NONHDLCLAT_DAT	The date, code and value of the latest non-HDL-C cholesterol recorded in the 15 months up to and including the reporting period end date.
46	Journals Table	{POSTHIGHNONHDLC_DAT}	All dates, codes and values associated with non-HDL-C cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
47	Journals Table	LDLCLAT_DAT	The date, code and value of the latest LDL-C cholesterol recorded in the 15 months up to and including the reporting period end date.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
48	Journals Table	{POSTHIGHLDLC_DAT}	All dates, codes and values associated with LDL-C cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
49	Journals Table	HDLLAT_DAT	The date, code and value of the latest HDL cholesterol recorded in the 15 months up to and including the reporting period end date.
50	Journals Table	{POSTHIGHHDL_DAT}	All dates, codes and values associated with HDL cholesterol recordings from the first high reading (HIGHHDL_DAT) up to and including the reporting period end date.
51	Journals Table	TRIGLAT_DAT	The date, code and value of the latest triglyceride cholesterol recorded in the 15 months up to and including the reporting period end date.
52	Journals Table	HIGHTRIG_DAT	The code, date and value of the earliest triglyceride cholesterol reading of greater than or equal to 4.5 mmol/l recorded up to and including the reporting period end date.
53	Journals Table	{TRIG_DAT}	All dates, codes and value associated with triglyceride recordings from the first high reading (HIGHTRIG_DAT) up to and including the reporting period end date.
54	Journals Table	EGFR30_DAT	The code, date and value of the earliest eGFR reading of less than or equal to 30ml per minute recorded up to and including the reporting period end date.
55	Journal Table	EGFR60SINGLE_DAT	The code, date and value of the latest eGFR reading of less than 60ml per minute where this is the only reading taken recorded up to and including the reporting period end date.
56	Journals Table	{EGFR_DAT}	All codes, dates and values of the eGFR readings in the preceding 15 months up to the end of the reporting period.
57	Journals Table	{CGEGFR_DAT}	All codes, dates and values of the Cockcroft Gault eGFR readings in the preceding 15 months up to the end of the reporting period.
58	Journals Table	EGFRLAT_DAT	The code, date and value of the latest eGFR reading recorded in the preceding 15 months up to and including the reporting period end date.
59	Journals Table	EGFRPRELAT_DAT	The code, date and value of the penultimate eGFR reading recorded up to and including the reporting period end date. (the reading taken before EGFRLAT_DAT)

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
60	Journals Table	LIFESTYLE_DAT	The code, date of the latest lifestyle intervention in the preceding 15 months recorded up to and including the reporting period end date.
61	Journals Table	MILDFRAIL_DAT	The code, date of the latest mild frailty diagnosis recorded up to and including the reporting period end date.
62	Journals Table	MODFRAIL_DAT	The code, date of the latest moderate frailty diagnosis recorded up to and including the reporting period end date.
63	Journals Table	SEVFRAIL_DAT	The code, date of the latest severe frailty diagnosis recorded up to and including the reporting period end date.
64	Journals Table	ALCADVICE_DAT	The code, date of the latest alcohol intervention recorded up to and including the reporting period end date.
65	Journals Table	HIGHIFCCHBAM_DAT	The code, date and value of the earliest HbA1c reading of greater than or equal 42mmol/mol recorded up to and including the reporting period end date.
66	Journals Table	{POSTHIGHIFCCHBAM_DAT}	All dates, codes and values associated with the HbA1c recordings from the first high reading (HIGHIFCCHBAM_DAT) up to and including the reporting period end date.
67	Journals Table	IFCCHBAMLAT_DAT	The code, date and value of the latest HbA1c reading recorded in the preceding 15 months up to and including the reporting period end date. (where there is no HbA1c reading of over 42mmol/mol)
68	Journals Table	IFCCHBAMPRELAT_DAT	The code, date and value of the penultimate HbA1c reading recorded up to and including the reporting period end date. (the reading taken before IFCCHBAMLAT_DAT)
69	Journals Table	NEPRET_DAT	The code and date of the latest recording of evidence of pathology (nephropathy or retinopathy) up to and including the reporting period end date.
70	Journals Table	LFTLAT_DAT	The code, date and value of the latest liver function test recorded up to and including the reporting period end date.
71	Journals Table	TFTLAT_DAT	The code, date and value of the latest thyroid function test recorded up to and including the reporting period end date.
72	Journals Table	REFLIPIDLAT_DAT	The code and date of the latest referral to metabolic or endocrine clinic recorded up to and including the reporting period end date.

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
73	Journals Table	CRELAT_DAT	The date, code and value of the latest serum creatinine result recorded in the preceding 15 months up to and including the end of the reporting period.
74	Journals Table	ALBLAT_DAT	The date, code and value of the latest urine albumin result recorded in the preceding 15 months up to and including the end of the reporting period.
75	Journals Table	ACRLAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result recorded in the preceding 15 months up to and including the end of the reporting period.
76	Journals Table	ACRPRELAT_DAT	The code, date and value of the penultimate urine albumin/creatinine ratio result recorded up to and including the reporting period end date. (the reading taken before ACRLAT_DAT)
77	Journals Table	ACR3LAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result of greater than 3mg/mmol recorded up to and including the end of the reporting period.
78	Journals Table	ACR30LAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result of greater than 30mg/mmol recorded up to and including the end of the reporting period.
79	Journal Table	ACR70LAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result of greater than 70mg/mmol recorded up to and including the end of the reporting period.
80	Journals Table	PRT_DAT	The date and code of the earliest persistent proteinuria diagnosis within the preceding 15 months up to and including the reporting period end date.
81	Journals Table	FASTPLASGLUC5_DAT	The date, code and value of the earliest fasting plasma glucose test of 5.5 mmol/l recorded up to and including the end of the reporting period.
82	Journals Table	FASTPLASGLUCLAT_DAT	The date, code and value of the latest fasting plasma glucose test recorded in the preceding 15 months up to and including the end of the reporting period.
83	Journals Table	BLOODGLUC11_DAT	The date, code and value of the earliest random blood glucose test of over 11 mmol/l recorded up to and including the end of the reporting period.
84	Journals Table	HGBLAT_DAT	The date, code and value of the latest haemoglobin (full blood count) test recorded in the preceding 15 months up to and including the end of the reporting period.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
85	Journals Table	SEPOFF_DAT	The date and code of the latest referral to a diabetes structured education programme recorded where the event occurred after the diabetes diagnosis and up to and including the reporting period end date.
86	Journals Table	SEPATT_DAT	The date and code of the latest attendance or completion of a diabetes structured education programme where the event occurred after the diabetes diagnosis and up to and including the reporting period end date.
87	Journals Table	DPPOFF_DAT	The date and code of the latest offer of a pre-diabetes intervention recorded after the diagnosis of non-diabetic hyperglycaemia and up to and including the reporting period end date.
88	Journals Table	DPPATT_DAT	The date and code of the latest attendance of a pre-diabetes intervention recorded after the diagnosis of non-diabetic hyperglycaemia and up to and including the reporting period end date.
89	Journals Table	DPPCOMP_DAT	The date and code of the latest completion of a pre-diabetes intervention recorded after the diagnosis of non-diabetic hyperglycaemia and up to and including the reporting period end date.
90	Journals Table	NHSHCINVITE_DAT	The date and code of the first NHS health check invitation leading up to and including the end of the reporting period.
91	Journals Table	NHSHCCOMP_DAT	The date and code of the first NHS health check completed leading up to and including the end of the reporting period.
92	Journals Table	RETSCREN_DAT	The date and code of the latest retinopathy screening recorded in the preceding 15 months up to and including the end of the reporting period.
93	Journals Table	FOOTEXAM_DAT	The date of the latest foot examination (neuropathy testing or peripheral pulses) recorded in the preceding 15 months up to and including the end of the reporting period.
94	Journals Table	SBROOME_DAT	The code, date and value of the latest Simon Broome score recorded up to and including the reporting period end date.
95	Journals Table	DLIPID_DAT	The code, date and value of the latest Dutch lipid score recorded up to and including the reporting period end date.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
96	Journals Table	PULRHY_DAT	The latest pulse rhythm assessment recorded in the preceding 15 months up to and including the end of the reporting period.
97	Journals Table	QRISKLAT_DAT	The date, code and value of the most recent QRISK score recorded up to and including the reporting period end date.
98	Journals Table	QRISK10_DAT	Latest QRISK value, code and date where the value was greater than or equal to 10 recorded up to and including the reporting period end date.
99	Journals Table	TTR_DAT	The code, date and value of the latest time in therapeutic range recorded in the preceding 15 months up to and including the reporting period end date.
100	Journals Table	INR_DAT	The code, date and value of the latest INR blood test recorded in the preceding 15 months up to and including the reporting period end date
101	Journals Table	{CALCIUM_DAT}	All dates, codes and values associated with calcium blood test recordings from the first low reading (EGFR30_DAT) up to and including the reporting period end date.
102	Journals Table	{PHOSPHATE_DAT}	All dates, codes and values associated with phosphate blood test recordings from the first low reading (EGFR30_DAT) up to and including the reporting period end date.
103	Journals Table	{PTH_DAT}	All dates, codes and values associated with parathyroid hormone blood test recordings from the first low reading (EGFR30_DAT) up to and including the reporting period end date.
104	Journals Table	CVDASSLAT_DAT	The date and code of the latest CVD risk assessment recorded in the preceding 15 months up to and including the end of the reporting period.
105	Journals Table	CHADSVASCLAT_DAT	The date, code and value of the latest CHADVASC score recorded in the preceding 15 months up to and including the end of the reporting period.
106	Journals Table	CHADS2LAT_DAT	The date, code and value of the latest CHADS2 score recorded in the preceding 15 months up to and including the end of the reporting period.
107	Journals Table	HASBLED_DAT	The date, code and value of the latest HAS-BLED score recorded in the preceding 15 months up to and including the end of the reporting period.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
108	Journals Table	UE_DAT	The date, code and value of the latest renal function blood test recorded in the preceding 15 months up to and including the end of the reporting period.
109	Journals Table	ANTIHYDEC_DAT	The latest date and code of the patient's choice not to be prescribed antihypertension medication up to and including the end of the reporting period.
110	Journals Table	ANTIHYD_DAT	The date, code and prescription value of the latest antihypertension medication prescribed recorded up to and including the end of the reporting period.
111	Journals Table	STATDEC_DAT	The latest date and code of the patient's choice not to be prescribed a statin medication up to and including the end of the reporting period.
112	Journals Table	STATIN_DAT	The date, code and prescription value of the latest statin medication prescribed recorded up to and including the end of the reporting period.
113	Journals Table	STATOFF_DAT	The latest date and code of the offer of a statin medication up to and including the end of the reporting period.
114	Journals Table	ACEDEC_DAT	The latest date and code of the patient's choice not to be prescribed an angiotensin-converting enzyme (ACE) inhibitor medication up to and including the end of the reporting period.
115	Journals Table	ACE_DAT	The date, code and prescription value of the latest angiotensin-converting enzyme (ACE) inhibitor medication prescribed recorded up to and including the end of the reporting period.
116	Journals Table	AIIDEC_DAT	The latest date and code of the patient's choice not to be prescribed an Angiotensin II receptor blockers (ARB) medication up to and including the end of the reporting period.
117	Journals Table	AII_DAT	The date, code and prescription value of the latest an Angiotensin II receptor blockers (ARB) medication prescribed recorded up to and including the end of the reporting period.
118	Journals Table	RENINDEC_DAT	The latest date and code of the patient's choice not to be prescribed an angiotensin antagonist medication up to and including the end of the reporting period.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
119	Journals Table	RENIN_DAT	The date, code and prescription value of the latest an angiotensin antagonist medication prescribed recorded up to and including the end of the reporting period.
120	Journals Table	ORANTIGDEC_DAT	The latest date and code of the patient's choice not to be prescribed an oral anticoagulant medication up to and including the end of the reporting period.
121	Journals Table	ORANTICOAGDRUG_DAT	The date, code and prescription value of the latest an oral anticoagulant medication prescribed recorded up to and including the end of the reporting period.
122	Journals Table	ORANTICOAG_DAT	The date and code of the latest oral anticoagulant prophylaxis code recorded up to and including the end of the reporting period.
123	Journals Table	ANTICOAGREV_DAT	The latest date and code of the patient's oral anticoagulant medication review in the preceding 15 months up to and including the end of the reporting period.
124	Journals Table	ANTICOAGDISC_DAT	The latest date and code of the patient's discussion regarding the type of oral anticoagulant medication available to choose from in the preceding 15 months up to and including the end of the reporting period.
125	Journals Table	ANTICOAGAR_DAT	The latest date and code of the patient's adverse reaction to an oral anticoagulant medication in the preceding 15 months up to and including the end of the reporting period.
126	Journals Table	EZETIMIBE_DAT	The date, code and prescription value of the latest Ezetimibe medication prescribed in the preceding 15 months up to and including the end of the reporting period.
127	Journals Table	PCSK9I_DAT	The date, code and prescription value of the latest PCSK9i medication prescribed in the preceding 15 months up to and including the end of the reporting period.
128	Journals Table	DMTRTATRISK1_DAT	The latest date and prescription value associated with the diabetes prescriptions in the preceding 15 months up to and including the end of the reporting period.
129	Journals Table	CPEPTIDE_DAT	The latest date and prescription value associated with C-Peptide prescriptions for diabetic patients.
130	Journals Table	SMOKCESSRX_DAT	The date and prescription value of the latest smoking cessation medication prescribed in the preceding 15 months up to and including the end of the reporting period.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
131	Journals Table	ASPIRINLAT_DAT	The latest date, code and prescription value associated with aspirin prescriptions recorded up to and including the reporting period end date.
132	Journals Table	RIVAROXLAT_DAT	The latest date, code and prescription value associated with rivaroxaban prescriptions up to and including the reporting period end date.
133	Journals Table	ASPCLOP_DAT	The date of the latest prescription of aspirin and clopidogrel where the patient has been on the two medications for longer than 12 months.
134	Journals Table	CLOP_DAT	The date of the latest prescription of clopidogrel up to and including the reporting period end date.
135	Journals Table	ECG_DAT	The date, code and value of the ECG reading that indicates possible or probable atrial fibrillation up to and including the reporting period end date.
136	Journals Table	IRREGPULSE_COD	The date and code to determine if there is an irregular pulse of SVT recorded up to and including the reporting period end date.
137	Journals Table	AFHIST_COD	The date and code of a history of atrial fibrillation recorded up to and including the reporting period end date.
138	Journals Table	AFMON_COD	The date and code of atrial fibrillation monitoring recorded up to and including the reporting period end date.

NOT FOR WIDER CIRCULATION

Extract ID	Description	Applied to population:
CVDP002	Cardiovascular Disease Prevention Audit Primary Care Extraction- People with CVD diagnosed up to and including 31 March 2020, who have not dissented to their data being used for National audit or collections.	CVDPCX002

For every data item listed in the journals table below, bring back all the following fields where present:

- Date
- Code
- Value Condition 1
- Value Condition 2
- Prescription Value 1
- Prescription Value 2

NOT FOR CIRCULATION

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
1	Patients Table	PatientTable.Date of Birth	Patient's date of birth
2	Patients Table	PatientTable.NHS Number	Patient's NHS number
3	Patients Table	PatientTable.Postcode	Postcode of patient's CURRENT address only
4	Patients Table	PatientTable.Practice	The national practice code for the practice
5	Patients Table	PatientTable.Sex	Patient's sex
6	Journals Table	Latest Ethnicity	The latest ethnicity of the patient
7	Journals Table	BMI_DAT	Latest date, code and value of the BMI recorded up to and including the reporting period end date.
8	Journals Table	HEIGHT_DAT	Latest date, code and value associated with the height recordings up to and including the reporting period end date.
9	Journals Table	WEIGHT_DAT	Latest date, code and value associated with the weight recordings up to and including the reporting period end date.
10	Journals Table	MH_DAT	The code and date of the earliest severe mental health diagnosis recorded up to and including the reporting period end date.
11	Journals Table	LDA_DAT	The code and date of the earliest learning disability (including autism) diagnosis recorded up to and including the reporting period end date.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
12	Journals Table	CAN_DAT	The code and date of the earliest cancer diagnosis recorded up to and including the reporting period end date.
13	Journals Table	PALCARE_DAT	The code and date of the earliest palliative care recorded on the patients record up to and including the reporting period end date.
14	Journals Table	DMTYPE1_DAT	The code and date of the earliest Type 1 diabetes mellitus diagnosis recorded up to and including the reporting period end date.
15	Journals Table	DMTYPE2_DAT	The code and date of the earliest Type 2 diabetes mellitus diagnosis recorded up to and including the reporting period end date.
16	Journals Table	DMRES_DAT	The code and date of the latest diabetes mellitus resolved which is not superseded by a diabetes diagnosis recorded up to and including the reporting period end date.
17	Journals Table	NONQOFDM_DAT	The code and date of the earliest Non-QOF diabetes diagnosis recorded up to and including the reporting period end date.
18	Journals Table	HYP_DAT	The code and date of the earliest hypertension diagnosis recorded up to and including the reporting period end date.
19	Journals Table	HYPRES_DAT	The code and date of the latest hypertension resolved code which is not superseded by a hypertension diagnosis recorded up to and including the reporting period end date.
20	Journals Table	SEVHYP_DAT	The code and date of the latest severe hypertension diagnosis recorded in the 15 months up to and including the reporting period end date.
21	Journals Table	FHYP_DAT	The code and date of the earliest familial hypercholesterolaemia and other hyperlipidaemias diagnosis recorded up to and including the reporting period end date.
22	Journals Table	PROBFH_DAT	The code and date of the earliest probable familial hypercholesterolaemia and other hyperlipidaemias recorded up to and including the reporting period end date.
23	Journals Table	POSSFH_DAT	The code and date of the earliest possible familial hypercholesterolaemia and other hyperlipidaemias recorded up to and including the reporting period end date.
24	Journals Table	FHYPGEN_DAT	The code and date of the earliest genetic familial hypercholesterolaemia and other hyperlipidaemias diagnosis recorded up to and including the reporting period end date.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
25	Journals Table	CKD_DAT	The code and date of the earliest CKD (grade 3-5) diagnosis recorded up to and including the reporting period end date.
26	Journals Table	CKD1AND2_DAT	The code and date of the latest CKD (grades1&2) which is not superseded by a CKD (grade 3-5) diagnosis recorded up to and including the reporting period end date.
27	Journals Table	CKDSTAGELAT_DAT	The code and date of the latest stage of CKD recorded up to and including the reporting period end date.
28	Journals Table	CKDRES_DAT	The code and date of the latest CKD resolved code recorded after the most recent CKD diagnosis recorded up to and including the reporting period end date.
29	Journals Table	IGTNDHPREDM_DAT	The code and date of the earliest diagnosis of non-diabetic hyperglycaemia or impaired glucose tolerance or pre-diabetes recorded up to and including the reporting period end date.
30	Journals Table	AF_DAT	The code and date of the earliest atrial fibrillation or atrial flutter diagnosis recorded up to and including the reporting period end date.
31	Journals Table	AFRES_DAT	The code and date of the latest atrial fibrillation resolved code recorded after the most recent atrial fibrillation diagnosis recorded up to and including the reporting period end date.
32	Journals Table	CHD_DAT	The code and date of the earliest chronic heart disease (CHD) diagnosis recorded up to and including the reporting period end date.
33	Journals Table	HF_DAT	The code and date of the earliest heart failure (HF) diagnosis recorded up to and including the reporting period end date.
34	Journals Table	PAD_DAT	The code and date of the earliest peripheral arterial disease diagnosis recorded up to and including the reporting period end date.
35	Journals Table	STRK_DAT	The code and date of the earliest stroke recorded up to and including the reporting period end date.
36	Journals Table	TIA_DAT	The code and date of the earliest transient ischemic attack (TIA) recorded up to and including the reporting period end date.
37	Journals Table	AAA_DAT	The code and date of the earliest abdominal aortic aneurysm recorded up to and including the reporting period end date.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
38	Journals Table	GESTDIAB_DAT	The code and date of the earliest gestational diabetes diagnosis recorded up to and including the reporting period end date.
39	Journals Table	{BP_DAT}	All codes, dates and value 1's and value 2's of the blood pressure readings up to and including the reporting period end date.
40	Journals Table	{HOMEBP_DAT}	All codes, dates and value 1's and value 2's of the home blood pressure reading within 3 months prior to a new diagnosis of hypertension (recorded on HYP_DAT where HYP_DAT is within 12 months of the reporting period end date).
41	Journals Table	{ABP_DAT}	All codes, dates and value 1's and value 2's of the ambulatory blood pressure reading within the 3 months prior to a new diagnosis of hypertension (recorded on HYP_DAT where HYP_DAT is within 12 months of the reporting period end date).
42	Journals Table	NSMOK_DAT	Date and code of the latest smoking habit code recorded as 'never smoked'.
43	Journals Table	EXSMOK_DAT	Date and code of the of the latest recording of 'exsmoker' where there are 'exsmoker' codes recorded in three consecutive years
44	Journals Table	CSMOK_DAT	The date and code of the latest smoking status recorded as 'current smoker' up to and including the reporting period end date.
45	Journals Table	SMOKCESS_DAT	The date and code of the latest smoking cessation intervention (advice, referral or prescription) recorded within the 15 months up to and including the reporting period end date.
46	Journals Table	HIGHCHOL_DAT	The code, date and value of the earliest high cholesterol reading defined as any of the following: <ul style="list-style-type: none"> • A total cholesterol reading of greater than or equal to 5 mmol/l • An LDL-C cholesterol reading of greater than or equal to 3 mmol/l • A non-HDL-C cholesterol reading of greater than or equal to 5.9 mmol/l recorded up to and including the reporting period end date.
47	Journals Table	TCCHOLLAT_DAT	The date, code and value of the latest total cholesterol recorded in the 15 months up to and including the reporting period end date.
48	Journals Table	{POSTHIGHTCHOL_DAT}	All dates, codes and values associated with total cholesterol recordings from the first high total cholesterol reading (HIGHCHOL_DAT) up to and including the reporting period end date.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
49	Journals Table	HDLCLAT_DAT	The date, code and value of the latest HDL-C cholesterol recorded in the 15 months up to and including the reporting period end date.
50	Journals Table	{POSTHIGHHDLC_DAT}	All dates, codes and values associated with HDL-C cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
51	Journals Table	NONHDLCLAT_DAT	The date, code and value of the latest non-HDL-C cholesterol recorded in the 15 months up to and including the reporting period end date.
52	Journals Table	{POSTHIGHNONHDLC_DAT}	All dates, codes and values associated with non-HDL-C cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
53	Journals Table	LDLCLAT_DAT	The date, code and value of the latest LDL-C cholesterol recorded in the 15 months up to and including the reporting period end date.
54	Journals Table	{POSTHIGHLDLC_DAT}	All dates, codes and values associated with LDL-C cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
55	Journals Table	HDLLAT_DAT	The date, code and value of the latest HDL cholesterol recorded in the 15 months up to and including the reporting period end date.
56	Journals Table	{POSTHIGHHDL_DAT}	All dates, codes and values associated with HDL cholesterol recordings from the first high reading (HIGHHDL_DAT) up to and including the reporting period end date.
57	Journals Table	TRIGLAT_DAT	The date, code and value of the latest triglyceride cholesterol recorded in the 15 months up to and including the reporting period end date.
58	Journals Table	HIGHTRIG_DAT	The code, date and value of the earliest triglyceride cholesterol reading of greater than or equal to 4.5 mmol/l recorded up to and including the reporting period end date.
59	Journals Table	{TRIG_DAT}	All dates, codes and value associated with triglyceride recordings from the first high reading (HIGHTRIG_DAT) up to and including the reporting period end date.
60	Journals Table	EGFR30_DAT	The code, date and value of the earliest eGFR reading of less than or equal to 30ml per minute recorded up to and including the reporting period end date.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
61	Journal Table	EGFR60SINGLE_DAT	The code, date and value of the latest eGFR reading of less than 60ml per minute where this is the only reading taken recorded up to and including the reporting period end date.
62	Journals Table	{EGFR_DAT}	All codes, dates and values of the eGFR readings in the preceding 15 months up to the end of the reporting period.
63	Journals Table	{CGEGFR_DAT}	All codes, dates and values of the Cockcroft Gault eGFR readings in the preceding 15 months up to the end of the reporting period.
64	Journals Table	EGFRLAT_DAT	The code, date and value of the latest eGFR reading recorded in the preceding 15 months up to and including the reporting period end date.
65	Journals Table	EGFRPRELAT_DAT	The code, date and value of the penultimate eGFR reading recorded up to and including the reporting period end date. (the reading taken before EGFRLAT_DAT)
66	Journals Table	LIFESTYLE_DAT	The code, date of the latest lifestyle intervention in the preceding 15 months recorded up to and including the reporting period end date.
67	Journals Table	MILDFRAIL_DAT	The code, date of the latest mild frailty diagnosis recorded up to and including the reporting period end date.
68	Journals Table	MODFRAIL_DAT	The code, date of the latest moderate frailty diagnosis recorded up to and including the reporting period end date.
69	Journals Table	SEVFRAIL_DAT	The code, date of the latest severe frailty diagnosis recorded up to and including the reporting period end date.
70	Journals Table	ALCADVICE_DAT	The code, date of the latest alcohol intervention recorded up to and including the reporting period end date.
71	Journals Table	HIGHIFCCHBAM_DAT	The code, date and value of the earliest HbA1c reading of greater than or equal 42mmol/mol recorded up to and including the reporting period end date.
72	Journals Table	{POSTHIGHIFCCHBAM_DAT}	All dates, codes and values associated with the HbA1c recordings from the first high reading (HIGHIFCCHBAM_DAT) up to and including the reporting period end date.
73	Journals Table	IFCCHBAMLAT_DAT	The code, date and value of the latest HbA1c reading recorded in the preceding 15 months up to and including the reporting period end date. (where there is no HbA1c reading of over 42mmol/mol)

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
74	Journals Table	IFCCHBAMPRELAT_DAT	The code, date and value of the penultimate HbA1c reading recorded up to and including the reporting period end date. (the reading taken before IFCCHBAMLAT_DAT)
75	Journals Table	NEPRET_DAT	The code and date of the latest recording of evidence of pathology (nephropathy or retinopathy) up to and including the reporting period end date.
76	Journals Table	LFTLAT_DAT	The code, date and value of the latest liver function test recorded up to and including the reporting period end date.
77	Journals Table	TFTLAT_DAT	The code, date and value of the latest thyroid function test recorded up to and including the reporting period end date.
78	Journals Table	REFLIPIDLAT_DAT	The code and date of the latest referral to metabolic or endocrine clinic recorded up to and including the reporting period end date.
79	Journals Table	CRELAT_DAT	The date, code and value of the latest serum creatinine result recorded in the preceding 15 months up to and including the end of the reporting period.
80	Journals Table	ALBLAT_DAT	The date, code and value of the latest urine albumin result recorded in the preceding 15 months up to and including the end of the reporting period.
81	Journals Table	ACRLAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result recorded in the preceding 15 months up to and including the end of the reporting period.
82	Journals Table	ACRPRELAT_DAT	The code, date and value of the penultimate urine albumin/creatinine ratio result recorded up to and including the reporting period end date. (the reading taken before ACRLAT_DAT)
83	Journals Table	ACR3LAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result of greater than 3mg/mmol recorded up to and including the end of the reporting period.
84	Journals Table	ACR30LAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result of greater than 30mg/mmol recorded up to and including the end of the reporting period.
85	Journal Table	ACR70LAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result of greater than 70mg/mmol recorded up to and including the end of the reporting period.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
86	Journals Table	PRT_DAT	The date and code of the earliest persistent proteinuria diagnosis within the preceding 15 months up to and including the reporting period end date.
87	Journals Table	FASTPLASGLUC5_DAT	The date, code and value of the earliest fasting plasma glucose test of 5.5 mmol/l recorded up to and including the end of the reporting period.
88	Journals Table	FASTPLASGLUCLAT_DAT	The date, code and value of the latest fasting plasma glucose test recorded in the preceding 15 months up to and including the end of the reporting period.
89	Journals Table	BLOODGLUC11_DAT	The date, code and value of the earliest random blood glucose test of over 11 mmol/l recorded up to and including the end of the reporting period.
90	Journals Table	HGBLAT_DAT	The date, code and value of the latest haemoglobin (full blood count) test recorded in the preceding 15 months up to and including the end of the reporting period.
91	Journals Table	SEPOFF_DAT	The date and code of the latest referral to a diabetes structured education programme recorded where the event occurred after the diabetes diagnosis and up to and including the reporting period end date.
92	Journals Table	SEPATT_DAT	The date and code of the latest attendance or completion of a diabetes structured education programme where the event occurred after the diabetes diagnosis and up to and including the reporting period end date.
93	Journals Table	DPPOFF_DAT	The date and code of the latest offer of a pre-diabetes intervention recorded after the diagnosis of non-diabetic hyperglycaemia and up to and including the reporting period end date.
94	Journals Table	DPPATT_DAT	The date and code of the latest attendance of a pre-diabetes intervention recorded after the diagnosis of non-diabetic hyperglycaemia and up to and including the reporting period end date.
95	Journals Table	DPPCOMP_DAT	The date and code of the latest completion of a pre-diabetes intervention recorded after the diagnosis of non-diabetic hyperglycaemia and up to and including the reporting period end date.
96	Journals Table	NHSHCINVITE_DAT	The date and code of the first NHS health check invitation leading up to and including the end of the reporting period.

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
97	Journals Table	NHSHCCOMP_DAT	The date and code of the first NHS health check completed leading up to and including the end of the reporting period.
98	Journals Table	RETSCREN_DAT	The date and code of the latest retinopathy screening recorded in the preceding 15 months up to and including the end of the reporting period.
99	Journals Table	FOOTEXAM_DAT	The date of the latest foot examination (neuropathy testing or peripheral pulses) recorded in the preceding 15 months up to and including the end of the reporting period.
100	Journals Table	SBROOME_DAT	The code, date and value of the latest Simon Broome score recorded up to and including the reporting period end date.
101	Journals Table	DLIPID_DAT	The code, date and value of the latest Dutch lipid score recorded up to and including the reporting period end date.
102	Journals Table	PULRHY_DAT	The latest pulse rhythm assessment recorded in the preceding 15 months up to and including the end of the reporting period.
103	Journals Table	QRISKLAT_DAT	The date, code and value of the most recent QRISK score recorded up to and including the reporting period end date.
104	Journals Table	QRISK10_DAT	Latest QRISK value, code and date where the value was greater than or equal to 10 recorded up to and including the reporting period end date.
105	Journals Table	TTR_DAT	The code, date and value of the latest time in therapeutic range recorded in the preceding 15 months up to and including the reporting period end date.
106	Journals Table	INR_DAT	The code, date and value of the latest INR blood test recorded in the preceding 15 months up to and including the reporting period end date
107	Journals Table	{CALCIUM_DAT}	All dates, codes and values associated with calcium blood test recordings from the first low reading (EGFR30_DAT) up to and including the reporting period end date.
108	Journals Table	{PHOSPHATE_DAT}	All dates, codes and values associated with phosphate blood test recordings from the first low reading (EGFR30_DAT) up to and including the reporting period end date.

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
109	Journals Table	{PTH_DAT}	All dates, codes and values associated with parathyroid hormone blood test recordings from the first low reading (EGFR30_DAT) up to and including the reporting period end date.
110	Journals Table	CVDASSLAT_DAT	The date and code of the latest CVD risk assessment recorded in the preceding 15 months up to and including the end of the reporting period.
111	Journals Table	CHADSVASCLAT_DAT	The date, code and value of the latest CHADVASC score recorded in the preceding 15 months up to and including the end of the reporting period.
112	Journals Table	CHADS2LAT_DAT	The date, code and value of the latest CHADS2 score recorded in the preceding 15 months up to and including the end of the reporting period.
113	Journals Table	HASBLED_DAT	The date, code and value of the latest HAS-BLED score recorded in the preceding 15 months up to and including the end of the reporting period.
114	Journals Table	UE_DAT	The date, code and value of the latest renal function blood test recorded in the preceding 15 months up to and including the end of the reporting period.
115	Journals Table	ANTIHYPPDEC_DAT	The latest date and code of the patient's choice not to be prescribed antihypertension medication up to and including the end of the reporting period.
116	Journals Table	ANTIHYPP_DAT	The date, code and prescription value of the latest antihypertension medication prescribed recorded up to and including the end of the reporting period.
117	Journals Table	STATDEC_DAT	The latest date and code of the patient's choice not to be prescribed a statin medication up to and including the end of the reporting period.
118	Journals Table	STATIN_DAT	The date, code and prescription value of the latest statin medication prescribed recorded up to and including the end of the reporting period.
119	Journals Table	STATOFF_DAT	The latest date and code of the offer of a statin medication up to and including the end of the reporting period.
120	Journals Table	ACEDEC_DAT	The latest date and code of the patient's choice not to be prescribed an angiotensin-converting enzyme (ACE) inhibitor medication up to and including the end of the reporting period.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
121	Journals Table	ACE_DAT	The date, code and prescription value of the latest angiotensin-converting enzyme (ACE) inhibitor medication prescribed recorded up to and including the end of the reporting period.
122	Journals Table	AIIDEC_DAT	The latest date and code of the patient's choice not to be prescribed an Angiotensin II receptor blockers (ARB) medication up to and including the end of the reporting period.
123	Journals Table	All_DAT	The date, code and prescription value of the latest an Angiotensin II receptor blockers (ARB) medication prescribed recorded up to and including the end of the reporting period.
124	Journals Table	RENINDEC_DAT	The latest date and code of the patient's choice not to be prescribed an angiotensin antagonist medication up to and including the end of the reporting period.
125	Journals Table	RENIN_DAT	The date, code and prescription value of the latest an angiotensin antagonist medication prescribed recorded up to and including the end of the reporting period.
126	Journals Table	ORANTIGDEC_DAT	The latest date and code of the patient's choice not to be prescribed an oral anticoagulant medication up to and including the end of the reporting period.
127	Journals Table	ORANTICOAGDRUG_DAT	The date, code and prescription value of the latest an oral anticoagulant medication prescribed recorded up to and including the end of the reporting period.
128	Journals Table	ORANTICOAG_DAT	The date and code of the latest oral anticoagulant prophylaxis code recorded up to and including the end of the reporting period.
129	Journals Table	ANTICOAGREV_DAT	The latest date and code of the patient's oral anticoagulant medication review in the preceding 15 months up to and including the end of the reporting period.
130	Journals Table	ANTICOAGDISC_DAT	The latest date and code of the patient's discussion regarding the type of oral anticoagulant medication available to choose from in the preceding 15 months up to and including the end of the reporting period.
131	Journals Table	ANTICOAGAR_DAT	The latest date and code of the patient's adverse reaction to an oral anticoagulant medication in the preceding 15 months up to and including the end of the reporting period.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
132	Journals Table	EZETIMIBE_DAT	The date, code and prescription value of the latest Ezetimibe medication prescribed in the preceding 15 months up to and including the end of the reporting period.
133	Journals Table	PCSK9I_DAT	The date, code and prescription value of the latest PCSK9i medication prescribed in the preceding 15 months up to and including the end of the reporting period.
134	Journals Table	DMTRTATRISK1_DAT	The latest date and prescription value associated with the diabetes prescriptions in the preceding 15 months up to and including the end of the reporting period.
135	Journals Table	CPEPTIDE_DAT	The latest date and prescription value associated with C-Peptide prescriptions for diabetic patients.
136	Journals Table	SMOKCESSRX_DAT	The date and prescription value of the latest smoking cessation medication prescribed in the preceding 15 months up to and including the end of the reporting period.
137	Journals Table	ASPIRINLAT_DAT	The latest date, code and prescription value associated with aspirin prescriptions recorded up to and including the reporting period end date.
138	Journals Table	RIVAROXLAT_DAT	The latest date, code and prescription value associated with rivaroxaban prescriptions up to and including the reporting period end date.
139	Journals Table	ASPCLOP_DAT	The date of the latest prescription of aspirin and clopidogrel where the patient has been on the two medications for longer than 12 months.
140	Journals Table	CLOP_DAT	The date of the latest prescription of clopidogrel up to and including the reporting period end date.
141	Journals Table	ECG_DAT	The date, code and value of the ECG reading that indicates possible or probable atrial fibrillation up to and including the reporting period end date.
142	Journals Table	IRREGPULSE_COD	The date and code to determine if there is an irregular pulse of SVT recorded up to and including the reporting period end date.
143	Journals Table	AFHIST_COD	The date and code of a history of atrial fibrillation recorded up to and including the reporting period end date.
144	Journals Table	AFMON_COD	The date and code of atrial fibrillation monitoring recorded up to and including the reporting period end date.

Extract ID	Description	Applied to population:
CVDP003	Cardiovascular Disease Prevention Audit Primary Care Extraction- People without a coded diagnosis of any of the 6 high-risk conditions (Hypertension, Familial hypercholesterolaemia and other hyperlipidaemias, Chronic kidney disease (grades 3 to 5), Non-diabetic hyperglycaemia, Type 1 or Type 2 diabetes mellitus or Atrial fibrillation) or existing CVD, and who have entries in their record that suggest they may have an undiagnosed high-risk condition, up to and including 31 March 2020 who have not dissented to their data being used for National audit or collections.	CVDPCX003

For every data item listed in the journals table below, bring back all the following fields where present:

- Date
- Code
- Value Condition 1
- Value Condition 2
- Prescription Value 1
- Prescription Value 2

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
1	Patients Table	PatientTable.Date of Birth	Patient's date of birth
2	Patients Table	PatientTable.NHS Number	Patient's NHS number
3	Patients Table	PatientTable.Postcode	Postcode of patient's CURRENT address only
4	Patients Table	PatientTable.Practice	The national practice code for the practice
5	Patients Table	PatientTable.Sex	Patient's sex
6	Journals Table	Latest Ethnicity	The latest ethnicity of the patient
7	Journals Table	BMI_DAT	Latest date and code of the BMI recorded up to and including the reporting period end date.
8	Journals Table	HEIGHT_DAT	Latest date, code and value associated with the height recordings up to and including the reporting period end date.
9	Journals Table	WEIGHT_DAT	Latest date, code and value associated with the weight recordings up to and including the reporting period end date.
10	Journals Table	MH_DAT	The code and date of the earliest severe mental health diagnosis recorded up to and including the reporting period end date.
11	Journals Table	LDA_DAT	The code and date of the earliest learning disability (including autism) diagnosis recorded up to and including the reporting period end date.

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
12	Journals Table	CAN_DAT	The code and date of the earliest cancer diagnosis recorded up to and including the reporting period end date.
13	Journals Table	PALCARE_DAT	The code and date of the earliest palliative care recorded on the patients record up to and including the reporting period end date.
14	Journals Table	NONQOFDM_DAT	The code and date of the earliest Non-QOF diabetes diagnosis recorded up to and including the reporting period end date.
15	Journals Table	GESTDIAB_DAT	The code and date of the earliest gestational diabetes diagnosis recorded up to and including the reporting period end date.
16	Journals Table	{BP_DAT}	All codes, dates and value 1's and value 2's of the blood pressure readings up to and including the reporting period end date.
17	Journals Table	HIGHCHOL_DAT	The code, date and value of the earliest high cholesterol reading defined as any of the following: <ul style="list-style-type: none"> • A total cholesterol reading of greater than or equal to 5 mmol/l • An LDL-C cholesterol reading of greater than or equal to 3 mmol/l • A non-HDL-C cholesterol reading of greater than or equal to 5.9 mmol/l recorded up to and including the reporting period end date.
18	Journals Table	TCCHOLLAT_DAT	The date, code and value of the latest total cholesterol recorded in the 15 months up to and including the reporting period end date.
19	Journals Table	{POSTHIGHTCHOL_DAT}	All dates, codes and values associated with total cholesterol recordings from the first high total cholesterol reading (HIGHCHOL_DAT) up to and including the reporting period end date.
20	Journals Table	HDLCLAT_DAT	The date, code and value of the latest HDL-C cholesterol recorded in the 15 months up to and including the reporting period end date.
21	Journals Table	{POSTHIGHHDLC_DAT}	All dates, codes and values associated with HDL-C cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
22	Journals Table	NONHDLCLAT_DAT	The date, code and value of the latest non-HDL-C cholesterol recorded in the 15 months up to and including the reporting period end date.

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
23	Journals Table	{POSTHIGHNONHDL_C_DAT}	All dates, codes and values associated with non-HDL-C cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
24	Journals Table	LDLCLAT_DAT	The date, code and value of the latest LDL-C cholesterol recorded in the 15 months up to and including the reporting period end date.
25	Journals Table	{POSTHIGHLDL_C_DAT}	All dates, codes and values associated with LDL-C cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
26	Journals Table	HDLLAT_DAT	The date, code and value of the latest HDL cholesterol recorded in the 15 months up to and including the reporting period end date.
27	Journals Table	{POSTHIGHHDL_C_DAT}	All dates, codes and values associated with HDL cholesterol recordings from the first high reading (HIGHCHOL_DAT) up to and including the reporting period end date.
28	Journals Table	TRIGLAT_DAT	The date, code and value of the latest triglyceride cholesterol recorded in the 15 months up to and including the reporting period end date.
29	Journals Table	HIGHTRIG_DAT	The code, date and value of the earliest triglyceride cholesterol reading of greater than or equal to 4.5 mmol/l recorded up to and including the reporting period end date.
30	Journals Table	{TRIG_DAT}	All dates, codes and value associated with triglyceride recordings from the first high reading (HIGHTRIG_DAT) up to and including the reporting period end date.
31	Journals Table	EGFR60SINGLE_DAT	The code, date and value of the latest eGFR reading of less than 60ml per minute where this is the only reading taken recorded up to and including the reporting period end date.
32	Journals Table	{EGFR_DAT}	All codes, dates and values of the eGFR readings in the preceding 15 months up to the end of the reporting period.
33	Journals Table	EGFRLAT_DAT	The code, date and value of the latest eGFR reading recorded in the preceding 15 months up to and including the reporting period end date.
34	Journals Table	EGFRPRELAT_DAT	The code, date and value of the penultimate eGFR reading recorded up to and including the reporting period end date. (the reading taken before EGFRLAT_DAT)

<i>Item Number</i>	<i>Table name</i>	<i>Data item</i>	<i>Description</i>
35	Journals Table	LIFESTYLE_DAT	The code, date of the latest lifestyle intervention in the preceding 15 months recorded up to and including the reporting period end date.
36	Journals Table	MILDFRAIL_DAT	The code, date of the latest mild frailty diagnosis recorded up to and including the reporting period end date.
37	Journals Table	MODFRAIL_DAT	The code, date of the latest moderate frailty diagnosis recorded up to and including the reporting period end date.
38	Journals Table	SEVFRAIL_DAT	The code, date of the latest severe frailty diagnosis recorded up to and including the reporting period end date.
39	Journals Table	ALCADVICE_DAT	The code, date of the latest alcohol intervention recorded up to and including the reporting period end date.
40	Journals Table	HIGHIFCCHBAM_DAT	The code, date and value of the earliest HbA1c reading of greater than or equal 42mmol/mol recorded up to and including the reporting period end date.
41	Journals Table	IFCCHBAMLAT_DAT	The code, date and value of the latest HbA1c reading recorded in the preceding 15 months up to and including the reporting period end date. (where there is no HbA1c reading of over 42mmol/mol)
42	Journals Table	IFCCHBAMPRELAT_DAT	The code, date and value of the penultimate HbA1c reading recorded up to and including the reporting period end date. (the reading taken before IFCCHBAMLAT_DAT)
43	Journals Table	LFTLAT_DAT	The code, date and value of the latest liver function test recorded up to and including the reporting period end date.
44	Journals Table	TFTLAT_DAT	The code, date and value of the latest thyroid function test recorded up to and including the reporting period end date.
45	Journals Table	REFLIPIDLAT_DAT	The code and date of the latest referral to metabolic or endocrine clinic recorded up to and including the reporting period end date.
46	Journals Table	ACRLAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result recorded in the preceding 15 months up to and including the end of the reporting period.
47	Journals Table	ACRPRELAT_DAT	The code, date and value of the penultimate urine albumin/creatinine ratio result recorded up to and including the reporting period end date. (the reading taken before ACRLAT_DAT)

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
48	Journals Table	ACR3LAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result of greater than 3mg/mmol recorded up to and including the end of the reporting period.
49	Journals Table	ACR30LAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result of greater than 30mg/mmol recorded up to and including the end of the reporting period.
50	Journals Table	ACR70LAT_DAT	The date, code and value of the latest urine albumin/creatinine ratio result of greater than 70mg/mmol recorded up to and including the end of the reporting period.
51	Journals Table	FASTPLASGLUC5_DAT	The date, code and value of the earliest fasting plasma glucose test of 5.5 mmol/l recorded up to and including the end of the reporting period.
52	Journals Table	FASTPLASGLUCLAT_DAT	The date, code and value of the latest fasting plasma glucose test recorded in the preceding 15 months up to and including the end of the reporting period.
53	Journals Table	BLOODGLUC11_DAT	The date, code and value of the earliest random blood glucose test of over 11 mmol/l recorded up to and including the end of the reporting period.
54	Journals Table	SBROOME_DAT	The code, date and value of the latest Simon Broome score recorded up to and including the reporting period end date.
55	Journals Table	DLIPID_DAT	The code, date and value of the latest Dutch lipid score recorded up to and including the reporting period end date.
56	Journals Table	PULRHY_DAT	The latest pulse rhythm assessment recorded in the preceding 15 months up to and including the end of the reporting period.
57	Journals Table	QRISKLAT_DAT	The date, code and value of the most recent QRISK score recorded up to and including the reporting period end date.
58	Journals Table	QRISK10_DAT	Latest QRISK value, code and date where the value was greater than or equal to 10 recorded up to and including the reporting period end date.
59	Journals Table	CHADSVASCLAT_DAT	The date, code and value of the latest CHADVASc score recorded up to and including the end of the reporting period.
60	Journals Table	CHADS2LAT_DAT	The date, code and value of the latest CHADS2 score recorded up to and including the end of the reporting period.

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
61	Journals Table	UE_DAT	The date, code and value of the latest renal function blood test recorded in the preceding 15 months up to and including the end of the reporting period.
62	Journals Table	STATDEC_DAT	The latest date and code of the patient's choice not to be prescribed a statin medication up to and including the end of the reporting period.
63	Journals Table	STATIN_DAT	The date, code and prescription value of the latest statin medication prescribed recorded up to and including the end of the reporting period.
64	Journals Table	STATOFF_DAT	The latest date and code of the offer of a statin medication up to and including the end of the reporting period.
65	Journals Table	ORANTIGDEC_DAT	The latest date and code of the patient's choice not to be prescribed an oral anticoagulant medication up to and including the end of the reporting period.
66	Journals Table	ORANTICOAGDRUG_DAT	The date, code and prescription value of the latest oral anticoagulant medication prescribed recorded up to and including the end of the reporting period.
67	Journals Table	ORANTICOAG_DAT	The date and code of the latest oral anticoagulant prophylaxis code recorded up to and including the end of the reporting period.
68	Journals Table	ANTICOAGREV_DAT	The latest date and code of the patient's oral anticoagulant medication review in the preceding 15 months up to and including the end of the reporting period.
69	Journals Table	ANTICOAGDISC_DAT	The latest date and code of the patient's discussion regarding the type of oral anticoagulant medication available to choose from in the preceding 15 months up to and including the end of the reporting period.
70	Journals Table	ANTICOAGAR_DAT	The latest date and code of the patient's adverse reaction to an oral anticoagulant medication in the preceding 15 months up to and including the end of the reporting period.
71	Journals Table	ECG_DAT	The date and code to determine if there is an irregular pulse of SVT recorded up to and including the reporting period end date.
72	Journals Table	IRREGPULSE_COD	The date and code to determine if there is an irregular pulse of SVT recorded up to and including the reporting period end date.

<u>Item Number</u>	<u>Table name</u>	<u>Data item</u>	<u>Description</u>
73	Journals Table	AFHIST_COD	The date and code of a history of atrial fibrillation recorded up to and including the reporting period end date.
74	Journals Table	AFMON_COD	The date and code of atrial fibrillation monitoring recorded up to and including the reporting period end date.

NOT FOR WIDER CIRCULATION

Section 5 – Clinical code clusters used in this service

Listed below are the clinical codes that are used in this service. These clinical codes have been grouped into code clusters for the purposes of the business rules and it is the IDs from these clusters that are referred to in the counts above. These cluster IDs can be ignored for the purposes of this document as they are only relevant to the business rules themselves.

Add Excel Expanded Clusters when ready

NOT FOR WIDER CIRCULATION

Section 6 – Supporting Guidance and Communications Planning

Guidance Details to be published for QS and high level plan for publication and development of this guidance.	
Communications and Guidance contacts	

Section 7 – Document Approvals

Name	Title	Organisation	Approval Date
Sarah Marsh	Deputy Head of Clinical Policy and Programme Lead for Cardiovascular Disease	NHS England and NHS Improvement	
Matt Kearney	Programme Director (Former National Clinical Director for Cardiovascular Disease Prevention - NHS England)	UCLPartners Academic Health Science Network	
Richard Healicon	Programme Lead, Time for Care Sustainable Improvement Improvement Directorate	NHS England and NHS Improvement	
Lorraine Oldridge	National Lead – National Cardiovascular Intelligence Network (NCVIN)	Public Health England	
Richard Arnold	Clinical Programme Lead National Clinical Audit and Patients Outcome Programme (NCAPOP)	NHS England and NHS Improvement	
Caroline Rodgers	Associate Director for Quality and Development	Healthcare Quality Improvement Partnership	
Gemma Ramsay	Analytical Section Head	NHS Digital – GPSES	
Amy Wilson	Principal Business and Operational Delivery Administrator	NHS Digital – CQRS Business Unit	
Lucy Verlander	Senior Business and Operational Delivery Manager	NHS Digital – GPSES	