

PERFORMANCE MONITORING FRAMEWORK

DATA FORMAT STANDARD

Clinical Performance Indicators

Table of Contents

CLINICAL PERFORMANCE INDICATORS

Background	1
Purpose	1
Effective Date	1
Version Control	1

DEFINITIONS

FILE FORMAT

Submission Format	6
File Name	6
Character Set	6
Data Rows	6
Data Delimiter	6
Text Qualifiers	6

DATA SETS

Organisation Data Set	7
Practice Data Set	8
Query Data Set	8
Report Data Set	9

REPORT TYPES

Full PHO Report	10
Partial PHO Report	10
Practice Only Report	10

APPENDIX A ASCII CHARACTER SET

Control Characters	11
Printable Characters	12

APPENDIX B SAMPLES

B1 Sample Template	13
B2 Sample Data	28

APPENDIX C DATA SET COLUMN NAMES

C1 Organisation Column Names Row	30
C2 Practice Column Names Row	30
C3 Query Column Names Row	30
C4 Report Column Names Row	30

APPENDIX D SELECTION CRITERIA ELEMENTS

D1 Report Line	31
D2 Template Format	31

APPENDIX E REPORTING GROUPS

E1 PHOCPIAGE: Age Bands for Clinical Performance Indicators	32
E2 PHOQUIN: Deprivation Quintile	32
E3 PHOETHNIC: Ethnicity – Level 2	32
E4 PHOGENDER: Gender	33
E5 PHOCARE: Care Plus Status	33

APPENDIX F CLINICAL PERFORMANCE INDICATORS

F1 Query — Number of Practices included in Clinical Performance Indicator Report	34
F2 Query — Smoking status ever recorded	34
F3 Query — Diabetes recorded in the past year [Get Checked]	35
F4 Query — Diabetes ever recorded	35
F5 Query — Stroke ever recorded	36
F6 Query — Myocardial Infarction ever recorded	37
F7 Query — Heart Failure ever recorded	38
F8 Query — CVD risk recorded in the last 5 years	38

F9	Query — Diabetes patients recorded as having a microalbuminuria test in the last 18 months.....	39
F10	Query — Diabetes patients who have had a positive microalbuminuria test and are on ACE inhibitor or A2 receptor agonist at last annual check.....	39
F11	Query — Diabetes patients with HbA1C 8 or below at last annual check (if part of Diabetes Get Checked) or in the last year (if not part of Diabetes Get Checked)	40
F12	Query — Statins prescribed when CVD risk \geq 15%	40

Clinical Performance Indicators

Background

1. HealthPAC processes and stores Clinical Performance Indicator data.
2. The data supplied to HealthPAC by the PHO Information Management systems must be in a format consistent with the Sample Template (Appendix B: Samples) provided in this document.

Purpose

3. This document defines the data format for Clinical Performance Indicator data to be sent to HealthPAC.

Effective Date

4. All Clinical Performance Indicator data pertaining to April 2006 (due 20 July 2006) and beyond must be submitted to HealthPAC using the format specified in this standard.

Version Control

5. This standard is a controlled document and all changes will be recorded as follows:
 - Version Number Incremental identification of all changes;
 - Effective Date Clinical Performance Indicators data for this date and beyond must conform to the relevant version; and
 - Elements Changed An analysis that clearly identifies those elements of the standard that have been changed.

Version Number	Effective Date	Elements Changed
Draft	1 July 2004	Initial release
1.0	1 July 2004	Definitions finalised
1.1	1 July 2004	<ol style="list-style-type: none"> 1. Sample data corrected 2. Read codes reworded 3. Mental Health Read codes corrected
1.2	1 July 2004	<ol style="list-style-type: none"> 1. Corrected delimiter errors in samples
1.3	6 February 2006	<p>Updated to reflect changes as documented in 2nd Phase CPI Reporting Change to Requirements: Reference Document (dated 25 August 2005)</p> <ol style="list-style-type: none"> 1. Definition Table added 2. PHOCARE Reporting Group defined and added as Selection Criteria to CPI queries 3. Appendix F (Clinical Performance Indicators) updated to reflect changes (additions/deletions/amendments)
1.4	10 February 2006	<ol style="list-style-type: none"> 1. File Format section updated to reflect changes as agreed upon for the Service Utilisation, and Immunisation Reports 2. Definition Table format changed to clarify/emphasize differences in definitions applicable to Mixed PHOs
1.5	7 June 2006	<p>Update changes to reflect decision by PHO Performance Management Advisory Group to omit the following indicators:</p> <ul style="list-style-type: none"> • Query — Depression recorded in the past 5 years • Query — Anxiety recorded in the past 5 years • Query — Substance Abuse recorded in the past 5 years <p>All reference to these indicators deleted from Version 1.5.</p>
1.6	1 August 2006	Update in Appendix E Reporting Groups to extend the ethnicity band to PHOETHNIC: Ethnicity – Level 2
1.7	25 October 2006	<ol style="list-style-type: none"> 1. Update File Name convention to reflect the report is CPI and not SU. 2. Replaced PHOAGE with PHOCPIAGE to accurately reflect the different age sets between SU and CPI. 3. Removed (in no particular order):

		<p>from query sets as it is necessary to place the columns in order.</p> <ol style="list-style-type: none"> 4. Corrected PHOETHNIC: Ethnicity – Level 2 table to show the correct definitions. 5. Amendment in Report Data Set section on page 7 to acknowledge that all rows regardless of whether there is a zero value need to be included in report. 6. Amendment to Appendix B Samples to ensure that Number of Practices included in Clinical Performance Indicator report query is present in sample. 7. Made changes to Appendix B to ensure that all query descriptions are the same as in Appendix F.
--	--	---

Definitions

6. Definition Table

Term	Definition	
	For a PHO that is either Interim or Access	For a PHO that is Mixed
Population	The total number of registered or enrolled patients in the PHO.	The total number of registered or enrolled patients in the specified Practices. This does not mean that a patient enrolled in an Interim Practice can be included as a consultation in an Access Practice and vice versa, even if the practices are within the same PHO.
VALUE 2	The number of registered or enrolled patients (Population) that report a value when the selection criterion has been applied.	The number of registered or enrolled patients (Population – for a PHO that is Mixed) that report a value when the selection criterion has been applied.
Selection Criteria	The group of information by which the query is made up of to generate a row of information	Same
Service ID	The code allocated by HealthPAC for the type (funded for) of first level service (Access or Interim) that the PHO is providing under the PHO agreement.	If the PHO is a Mixed PHO (has Access and Interim Practices) then the PHO is expected to send in two reports: a) One for Access under Service ID PHOA0005 and b) One for Interim under Service ID PHOE0001
Last day of the Reporting Period	The last day of the quarter that the report provides data for.	Same

File Format

Submission Format

7. The file must be submitted as an email attachment – addressed to the Performance Monitoring Controller at HealthPAC (<mailto:PMC@hpac.govt.nz>).
8. HealthPAC recommend that the file be provided in a zipped format.
9. The name of the zipped file is significant to the process. The zipped filename must contain the PHO PerOrg number, followed by the date (Format: ddmmyyyy). E.g. 12345601062006

File Name

10. The file name will be made up of the letters A to Z (in either upper or lower case), the digits 0 to 9 and the underscore “_”. Spaces are not allowed. The file name must contain a 3 character CPI prefix, PHO PerOrg number, and date/time stamp (Format: ddmmyyyyhhmm. E.g. CPI123456010620061043
11. The file may have an optional extension of a full stop followed by up to three characters, made up of the same characters as the file name with the exception of underscore.

Character Set

12. All characters in the file must be from the set of Printable Characters defined in “Appendix A ASCII Character Set”—with the exception of DEL, which is not allowed at all—and the separators, which may come from the set of Control Characters.

Note: The ASCII character set is used to identify the 127 allowable characters. Macintosh, Unix, DOS or Windows encoding are all acceptable.

Data Rows

13. The file consists of a series of rows separated by either:
 - ASCII 13 Carriage Return; or
 - ASCII 13 & ASCII 10 Carriage Return & Line Feed.

Data Delimiter

14. Each row consists of a series of columns separated by one of the following:
 - ASCII 9 Horizontal Tab
 - ASCII 44 Comma
 - ASCII 124 Vertical Line (or pipe).

Text Qualifiers

15. Where the field contains a delimiter the data must be enclosed in quotation marks (ASCII 34).

Data Sets

16. The file contains several data sets, each consisting of two different rows:
- Column Names Row A mandatory row of column names; and
 - Detail Row One or more rows of columns whose values match the definition in the Column Names Row.
17. Every row begins with a three-character uppercase code that classifies the type of row.
18. There are two different data sets:
- Organisation Details of the PHO and their contract;
 - Practice Details of a specific practice;
 - Query The specific Query being returned; and
 - Report Detailed Query Response.

Organisation Data Set

19. This is a mandatory data set and must come first in the file.
20. The Column Name Row is fixed as at Appendix C1 Organisation Column Names Row.
21. There must be one Detail row:
- Column 1 **Row Type**
Always 'ORG'
This is a fixed value.
 - Column 2 **PerOrg ID**
Six-digit integer
The unique number assigned by PerOrg to the PHO submitting the data.
 - Column 3 **Organisation Name**
Free text field
The name by which the DHB knows the PHO.
 - Column 4 **Contract ID**
Six-digit integer
The Agreement Number assigned to the PHO.
 - Column 5 **Template Generation Date** YYYYMMDD
The date the Template used as the basis for the report was initially generated.
 - Column 6 **Standard Version Number** Decimal Number
The version number of this standard upon which the file structure has been based. This must properly relate to the structure and format used in the file (and associated template) to ensure correct processing. The first release value will be 1, with subsequent releases 1.1, 1.2 etc.
 - Column 7 **Software Product**
Product Name
The software product used to generate the file.
 - Column 8 **Software Version**
Version Number
The version of the software product.

- Column 9 **Test Indicator**
‘TEST’ or empty
Double check for test data.
- Column 10 **Return email address** Email address
The email address for feedback on the file.

Practice Data Set

22. This is an optional data set that precedes practice related Query Data Sets.
23. The Column Name Row is fixed as at Appendix C2 Practice Column Names Row.
24. If this data set is present, there must be one or more Detail rows:
- Column 1 **Row Type**
Always ‘PRA’
This is a fixed value.
 - Column 2 **PerOrg ID**
Six-digit integer
The unique number assigned by PerOrg for the Practice to which the report applies.
 - Column 3 **Practice Name**
Free text field
The name by which the PHO knows the Practice.
 - Column 4 **Practice ID**
Alphanumeric
The unique code by which the PHO recognises the Practice.
25. Each Detail row corresponds to a Practice whose data has been included in the report.

Query Data Set

26. This is a mandatory data set and must immediately precede the report to which it relates.
27. The Column Name Row is fixed as at Appendix C3 Query Column Names Row.
28. There must be one Detail row:
- Column 1 **Row Type**
Always ‘QRY’
This is a fixed value.
 - Column 2 **Service ID**
Alphanumeric
The Purchase Unit within the PHO contract to which the following monitoring input applies.
 - Column 3 **Query Description**
Free text field
The text description of the query exactly as contained in the Template.
 - Column 4 **Start Date**
YYYYMMDD
The start date of the period of the report.

- Column 5 **End Date**
YYYYMMDD
The end date of the period of the report.

Report Data Set

29. This is a mandatory data set and must immediately follow the relevant Query Data Set.
30. The Column Name Row begins as at Appendix C4 Report Column Names Row. The remainder of the row is taken from the Template.
31. There must be one or more Detail rows:
 - Column 1 **Row Type**
This is a fixed value. Always 'RLN'
 - Column 2 **First Returned Value**
Required
 - Column 3 **Second Returned Value**
Required
 - Column 4 **Comment**
Required
32. The remaining columns contain the actual selection values. They must reflect those included in the Template.

Report Types

33. Three types of report are catered for:
- Full PHO One report covering all the practices in the PHO;
 - Partial PHO One report covering most of the practices; and
 - Practice Only One or more reports for individual practices.

Full PHO Report

34. This is the normal report, providing full utilisation details across the PHO.
35. It does not require a Practice Data Set, however, if one is provided and uses the PHO PerOrg ID and name it will not be rejected.

Partial PHO Report

36. Where one or more practices in a PHO cannot provide their utilisation data in either a usable form or a timely manner, the PHO may choose to submit a partial PHO return.
37. The format is unchanged, in that only one report is provided, but a Practice Detail (PRA) row is required for each practice included in that report.

Practice Only Report

38. One or more practices may be reported separately either by circumstance or design.
39. There will be only one Practice Detail (PRA) row for each report in the file.
40. It is possible to provide a Practice Only report for all of the practices in a PHO.
41. Practice Only reports will need prior authorisation, in order that provision can be made for dealing with the data.

Appendix A ASCII Character Set

Control Characters

Char	Oct	Dec	Hex	Control-Key	Control Action
NUL	0	0	0	^@	Null character
SOH	1	1	1	^A	Start of heading, = console interrupt
STX	2	2	2	^B	Start of text, maintenance mode on HP console
ETX	3	3	3	^C	End of text
EOT	4	4	4	^D	End of transmission, not the same as ETB
ENQ	5	5	5	^E	Enquiry, goes with ACK; old HP flow control
ACK	6	6	6	^F	Acknowledge, clears ENQ logon hand
BEL	7	7	7	^G	Bell, rings the bell...
BS	10	8	8	^H	Backspace, works on HP terminals/computers
HT	11	9	9	^I	Horizontal tab, move to next tab stop
LF	12	10	a	^J	Line Feed
VT	13	11	b	^K	Vertical tab
FF	14	12	c	^L	Form Feed, page eject
CR	15	13	d	^M	Carriage Return
SO	16	14	e	^N	Shift Out, alternate character set
SI	17	15	f	^O	Shift In, resume default character set
DLE	20	16	10	^P	Data link escape
DC1	21	17	11	^Q	XON, with XOFF to pause listings; ":okay to send".
DC2	22	18	12	^R	Device control 2, block-mode flow control
DC3	23	19	13	^S	XOFF, with XON is TERM=18 flow control
DC4	24	20	14	^T	Device control 4
NAK	25	21	15	^U	Negative acknowledge
SYN	26	22	16	^V	Synchronous idle
ETB	27	23	17	^W	End transmission block, not the same as EOT
CAN	30	24	17	^X	Cancel line, MPE echoes!!!
EM	31	25	19	^Y	End of medium, Control-Y interrupt
SUB	32	26	1a	^Z	Substitute
ESC	33	27	1b	^[Escape, next character is not echoed
FS	34	28	1c	^\	File separator
GS	35	29	1d	^]	Group separator
RS	36	30	1e	^^	Record separator, block-mode terminator
US	37	31	1f	^_	Unit separator

Printable Characters

Char	Octal	Dec	Hex	Description
SP	40	32	20	Space
!	41	33	21	Exclamation mark
"	42	34	22	Quotation mark (" in HTML)
#	43	35	23	Cross hatch (number sign)
\$	44	36	24	Dollar sign
%	45	37	25	Percent sign
&	46	38	26	Ampersand
`	47	39	27	Closing single quote (apostrophe)
(50	40	28	Opening parentheses
)	51	41	29	Closing parentheses
*	52	42	2a	Asterisk (star, multiply)
+	53	43	2b	Plus
,	54	44	2c	Comma
-	55	45	2d	Hyphen, dash, minus
.	56	46	2e	Period
/	57	47	2f	Slant (forward slash, divide)
0	60	48	30	Zero
1	61	49	31	One
2	62	50	32	Two
3	63	51	33	Three
4	64	52	34	Four
5	65	53	35	Five
6	66	54	36	Six
7	67	55	37	Seven
8	70	56	38	Eight
9	71	57	39	Nine
:	72	58	3a	Colon
;	73	59	3b	Semicolon
<	74	60	3c	Less than sign (< in HTML)
=	75	61	3d	Equals sign
>	76	62	3e	Greater than sign (> in HTML)
?	77	63	3f	Question mark

Char	Octal	Dec	Hex	Description
@	100	64	40	At-sign
A	101	65	41	Uppercase A
B	102	66	42	Uppercase B
C	103	67	43	Uppercase C
D	104	68	44	Uppercase D
E	105	69	45	Uppercase E
F	106	70	46	Uppercase F
G	107	71	47	Uppercase G
H	110	72	48	Uppercase H
I	111	73	49	Uppercase I
J	112	74	4a	Uppercase J
K	113	75	4b	Uppercase K
L	114	76	4c	Uppercase L
M	115	77	4d	Uppercase M
N	116	78	4e	Uppercase N
O	117	79	4f	Uppercase O
P	120	80	50	Uppercase P
Q	121	81	51	Uppercase Q
R	122	82	52	Uppercase R
S	123	83	53	Uppercase S
T	124	84	54	Uppercase T
U	125	85	55	Uppercase U
V	126	86	56	Uppercase V
W	127	87	57	Uppercase W
X	130	88	58	Uppercase X
Y	131	89	59	Uppercase Y
Z	132	90	5a	Uppercase Z
[133	91	5b	Opening square bracket
\	134	92	5c	Reverse slant (Backslash)
]	135	93	5d	Closing square bracket
^	136	94	5e	Caret (Circumflex)
_	137	95	5f	Underscore

Char	Octal	Dec	Hex	Description
`	140	96	60	Opening single quote
a	141	97	61	Lowercase a
b	142	98	62	Lowercase b
c	143	99	63	Lowercase c
d	144	100	64	Lowercase d
e	145	101	65	Lowercase e
f	146	102	66	Lowercase f
g	147	103	67	Lowercase g
h	150	104	68	Lowercase h
i	151	105	69	Lowercase i
j	152	106	6a	Lowercase j
k	153	107	6b	Lowercase k
l	154	108	6c	Lowercase l
m	155	109	6d	Lowercase m
n	156	110	6e	Lowercase n
o	157	111	6f	Lowercase o
p	160	112	70	Lowercase p
q	161	113	71	Lowercase q
r	162	114	72	Lowercase r
s	163	115	73	Lowercase s
t	164	116	74	Lowercase t
u	165	117	75	Lowercase u
v	166	118	76	Lowercase v
w	167	119	77	Lowercase w
x	170	120	78	Lowercase x
y	171	121	79	Lowercase y
z	172	122	7a	Lowercase z
{	173	123	7b	Opening curly brace
	174	124	7c	Vertical line
}	175	125	7d	Closing curly brace
~	176	126	7e	Tilde (approximate)
DEL	177	127	7f	Delete (rubout), cross-hatch box

Appendix B Samples

B1 Sample Template

Commas will be used as the Delimiter in all templates, but TAB or Vertical Line (Pipe) characters will be accepted in their place in any input files.

OHD,PERORG_ID,ORGANISATION_NAME,CONTRACT_ID,TEMPLATE_DATE,STANDARD,SOFTWARE,VERSION,TEST,EMAIL
ORG,987654,Sample PHO,123456,20040807,1.0,MS Access,2003,TEST,ceo@pho.co.nz

QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE

QRY,PHOA0005,Number of Practices included in Clinical Performance Indicator Report,20040701,20040930

RHD,VALUE,VALUE2,COMMENT

RLN,,,

QRY,PHOA0005,Smoking status ever recorded,20040701,20040930

RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE

RLN,,,,10,15 to 19 yrs,Female,Quintile 0,CARE Y

RLN,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N

RLN,,,,,25 to 29 yrs,,Quintile 2

RLN,,,,,30 to 34 yrs,,Quintile 3

RLN,,,,,35 to 39 yrs,,Quintile 4

RLN,,,,,40 to 44 yrs,,Quintile 5

RLN,,,,,45 to 49 yrs,,

RLN,,,,,50 to 54 yrs,,

RLN,,,,,55 to 59 yrs,,

RLN,,,,,60 to 64 yrs,,

RLN,,,,,65 to 69 yrs,,

RLN,,,,,70 to 74 yrs,,

RLN,,,,,75 to 79 yrs,,

RLN,,,,,80 to 84 yrs,,

RLN,,,,,85 and over,,

QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE

QRY,PHOA0005,Diabetes recorded in the past year [Get Checked],20040701,20040930

RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE

RLN,,,,10,15 to 19 yrs,Female,Quintile 0,CARE Y

RLN,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N

RLN,,,,,41,25 to 29 yrs,,Quintile 2

RLN,,,,,30 to 34 yrs,,Quintile 3

RLN,,,,,35 to 39 yrs,,Quintile 4

RLN,,,,,40 to 44 yrs,,Quintile 5

RLN,,,,,45 to 49 yrs,,

RLN,,,,,50 to 54 yrs,,

RLN,,,,,55 to 59 yrs,,

RLN,,,,,60 to 64 yrs,,

RLN,,,,,65 to 69 yrs,,

RLN,,,,,70 to 74 yrs,,

RLN,,,,,75 to 79 yrs,,

RLN,,,,,80 to 84 yrs,,

RLN,,,,,85 and over,,

QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE

QRY,PHOA0005,Diabetes ever recorded,20040701,20040930

RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE

RLN,,,,10,15 to 19 yrs,Female,Quintile 0,CARE Y

RLN,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N

RLN,,,,,41,25 to 29 yrs,,Quintile 2

RLN,,,,,30 to 34 yrs,,Quintile 3

RLN,,,,,35 to 39 yrs,,Quintile 4

RLN,,,,,40 to 44 yrs,,Quintile 5

RLN,,,,,45 to 49 yrs.,
 RLN,,,,,50 to 54 yrs.,
 RLN,,,,,55 to 59 yrs.,
 RLN,,,,,60 to 64 yrs.,
 RLN,,,,,65 to 69 yrs.,
 RLN,,,,,70 to 74 yrs.,
 RLN,,,,,75 to 79 yrs.,
 RLN,,,,,80 to 84 yrs.,
 RLN,,,,,85 and over.,
 QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE
 QRY,PHOA0005,Stroke ever recorded,20040701,20040930
 RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE
 RLN,,,,,10,15 to 19 yrs,Female,Quintile 0,CARE Y
 RLN,,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N
 RLN,,,,,41,25 to 29 yrs.,Quintile 2
 RLN,,,,,30 to 34 yrs.,Quintile 3
 RLN,,,,,35 to 39 yrs.,Quintile 4
 RLN,,,,,40 to 44 yrs.,Quintile 5
 RLN,,,,,45 to 49 yrs.,
 RLN,,,,,50 to 54 yrs.,
 RLN,,,,,55 to 59 yrs.,
 RLN,,,,,60 to 64 yrs.,
 RLN,,,,,65 to 69 yrs.,
 RLN,,,,,70 to 74 yrs.,
 RLN,,,,,75 to 79 yrs.,
 RLN,,,,,80 to 84 yrs.,
 RLN,,,,,85 and over.,
 QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE
 QRY,PHOA0005,Myocardial Infarction ever recorded,20040701,20040930
 RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE
 RLN,,,,,10,15 to 19 yrs,Female,Quintile 0,CARE Y
 RLN,,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N
 RLN,,,,,41,25 to 29 yrs.,Quintile 2
 RLN,,,,,30 to 34 yrs.,Quintile 3
 RLN,,,,,35 to 39 yrs.,Quintile 4
 RLN,,,,,40 to 44 yrs.,Quintile 5
 RLN,,,,,45 to 49 yrs.,
 RLN,,,,,50 to 54 yrs.,
 RLN,,,,,55 to 59 yrs.,
 RLN,,,,,60 to 64 yrs.,
 RLN,,,,,65 to 69 yrs.,
 RLN,,,,,70 to 74 yrs.,
 RLN,,,,,75 to 79 yrs.,
 RLN,,,,,80 to 84 yrs.,
 RLN,,,,,85 and over.,
 QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE
 QRY,PHOA0005,Heart Failure ever recorded,20040701,20040930
 RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE
 RLN,,,,,10,15 to 19 yrs,Female,Quintile 0 ,CARE Y
 RLN,,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N
 RLN,,,,,41,25 to 29 yrs.,Quintile 2
 RLN,,,,,30 to 34 yrs.,Quintile 3
 RLN,,,,,35 to 39 yrs.,Quintile 4
 RLN,,,,,40 to 44 yrs.,Quintile 5
 RLN,,,,,45 to 49 yrs.,
 RLN,,,,,50 to 54 yrs.,
 RLN,,,,,55 to 59 yrs.,

RLN,,,,,60 to 64 yrs.,

RLN,,,,,65 to 69 yrs.,

RLN,,,,,70 to 74 yrs.,

RLN,,,,,75 to 79 yrs.,

RLN,,,,,80 to 84 yrs.,

RLN,,,,,85 and over.,

QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE

QRY,PHOA0005,CVD risk recorded in the last 5 years,20040701,20040930

RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE

RLN,,,,,10,15 to 19 yrs,Female,Quintile 0 ,CARE Y

RLN,,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N

RLN,,,,,41,25 to 29 yrs.,Quintile 2

RLN,,,,,30 to 34 yrs.,Quintile 3

RLN,,,,,35 to 39 yrs.,Quintile 4

RLN,,,,,40 to 44 yrs.,Quintile 5

RLN,,,,,45 to 49 yrs.,

RLN,,,,,50 to 54 yrs.,

RLN,,,,,55 to 59 yrs.,

RLN,,,,,60 to 64 yrs.,

RLN,,,,,65 to 69 yrs.,

RLN,,,,,70 to 74 yrs.,

RLN,,,,,75 to 79 yrs.,

RLN,,,,,80 to 84 yrs.,

RLN,,,,,85 and over.,

QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE

QRY,PHOA0005,Diabetes patients recorded as having a microalbuminuria test in the last 18 months,20040701,20040930

RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE

RLN,,,,,10,15 to 19 yrs,Female,Quintile 0 ,CARE Y

RLN,,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N

RLN,,,,,41,25 to 29 yrs.,Quintile 2

RLN,,,,,30 to 34 yrs.,Quintile 3

RLN,,,,,35 to 39 yrs.,Quintile 4

RLN,,,,,40 to 44 yrs.,Quintile 5

RLN,,,,,45 to 49 yrs.,

RLN,,,,,50 to 54 yrs.,

RLN,,,,,55 to 59 yrs.,

RLN,,,,,60 to 64 yrs.,

RLN,,,,,65 to 69 yrs.,

RLN,,,,,70 to 74 yrs.,

RLN,,,,,75 to 79 yrs.,

RLN,,,,,80 to 84 yrs.,

RLN,,,,,85 and over.,

QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE

QRY,PHOA0005,Diabetes patients who have had a positive microalbuminuria test and are on ACE or A2 receptor agonist at last annual check,20040701,20040930

RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE

RLN,,,,,10,15 to 19 yrs,Female,Quintile 0 ,CARE Y

RLN,,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N

RLN,,,,,41,25 to 29 yrs.,Quintile 2

RLN,,,,,30 to 34 yrs.,Quintile 3

RLN,,,,,35 to 39 yrs.,Quintile 4

RLN,,,,,40 to 44 yrs.,Quintile 5

RLN,,,,,45 to 49 yrs.,

RLN,,,,,50 to 54 yrs.,

RLN,,,,,55 to 59 yrs.,

RLN,,,,,60 to 64 yrs.,

RLN,,,,,65 to 69 yrs.,

RLN,,,,,70 to 74 yrs.,
RLN,,,,,75 to 79 yrs.,
RLN,,,,,80 to 84 yrs.,
RLN,,,,,85 and over.,
QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE
QRY,PHOA0005,Diabetes patients with HbA1C 8 or below at last annual check (if part of Diabetes Get Checked) or in the last year (if not part of Diabetes Get Checked),20040701,20040930
RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE
RLN,,,,,10,15 to 19 yrs,Female,Quintile 0 ,CARE Y
RLN,,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N
RLN,,,,,41,25 to 29 yrs.,Quintile 2
RLN,,,,,30 to 34 yrs.,Quintile 3
RLN,,,,,35 to 39 yrs.,Quintile 4
RLN,,,,,40 to 44 yrs.,Quintile 5
RLN,,,,,45 to 49 yrs.,
RLN,,,,,50 to 54 yrs.,
RLN,,,,,55 to 59 yrs.,
RLN,,,,,60 to 64 yrs.,
RLN,,,,,65 to 69 yrs.,
RLN,,,,,70 to 74 yrs.,
RLN,,,,,75 to 79 yrs.,
RLN,,,,,80 to 84 yrs.,
RLN,,,,,85 and over.,
RLN,,,,,85 and over.,
QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE
QRY,PHOA0005,Statins prescribed when CVD risk >= 15%,20040701,20040930
RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE
RLN,,,,,10,15 to 19 yrs,Female,Quintile 0 ,CARE Y
RLN,,,,,31,20 to 24 yrs,Male,Quintile 1,CARE N
RLN,,,,,41,25 to 29 yrs.,Quintile 2
RLN,,,,,30 to 34 yrs.,Quintile 3
RLN,,,,,35 to 39 yrs.,Quintile 4
RLN,,,,,40 to 44 yrs.,Quintile 5
RLN,,,,,45 to 49 yrs.,
RLN,,,,,50 to 54 yrs.,
RLN,,,,,55 to 59 yrs.,
RLN,,,,,60 to 64 yrs.,
RLN,,,,,65 to 69 yrs.,
RLN,,,,,70 to 74 yrs.,
RLN,,,,,75 to 79 yrs.,
RLN,,,,,80 to 84 yrs.,
RLN,,,,,85 and over.,

Note: Here is the same information, in a more readable form. The highlighted rows are Column Name Rows.

OHD	PERORG_ID	ORGANISATION_NAME	CONTRACT_ID	TEMPLATE_DATE	STANDARD	SOFTWARE	VERSION	TEST	EMAIL
ORG	987654	Sample PHO	123456	20040807	1.0	MS Access	2003	TEST	ceo@pho.co.nz
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Number of practices included in Clinical Performance Indicator report	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT						
RLN									
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Smoking status ever recorded	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN				12	25 to 29 yrs		Quintile 2		
RLN				21	30 to 34 yrs		Quintile 3		
RLN				30	35 to 39 yrs		Quintile 4		
RLN				31	40 to 44 yrs		Quintile 5		
RLN				32	45 to 49 yrs				
RLN				33	50 to 54 yrs				
RLN				34	55 to 59 yrs				
RLN				35	60 to 64 yrs				
RLN				36	65 to 69 yrs				
RLN				37	70 to 74 yrs				
RLN				40	75 to 79 yrs				
RLN				41	80 to 84 yrs				
RLN				42	85 and over				
RLN				43					

RLN				44					
RLN				51					
RLN				52					
RLN				53					
RLN				54					
RLN				99					
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Diabetes recorded in the past year [Get Checked]	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN				12	25 to 29 yrs		Quintile 2		
RLN				21	30 to 34 yrs		Quintile 3		
RLN				30	35 to 39 yrs		Quintile 4		
RLN				31	40 to 44 yrs		Quintile 5		
RLN				32	45 to 49 yrs				
RLN				33	50 to 54 yrs				
RLN				34	55 to 59 yrs				
RLN				35	60 to 64 yrs				
RLN				36	65 to 69 yrs				
RLN				37	70 to 74 yrs				
RLN				40	75 to 79 yrs				
RLN				41	80 to 84 yrs				
RLN				42	85 and over				
RLN				43					
RLN				44					

RLN				51					
RLN				52					
RLN				53					
RLN				54					
RLN				99					
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Diabetes ever recorded	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN				12	25 to 29 yrs		Quintile 2		
RLN				21	30 to 34 yrs		Quintile 3		
RLN				30	35 to 39 yrs		Quintile 4		
RLN				31	40 to 44 yrs		Quintile 5		
RLN				32	45 to 49 yrs				
RLN				33	50 to 54 yrs				
RLN				34	55 to 59 yrs				
RLN				35	60 to 64 yrs				
RLN				36	65 to 69 yrs				
RLN				37	70 to 74 yrs				
RLN				40	75 to 79 yrs				
RLN				41	80 to 84 yrs				
RLN				42	85 and over				
RLN				43					
RLN				44					
RLN				51					

RLN				52					
RLN				53					
RLN				54					
RLN				99					
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Stroke ever recorded	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN				12	25 to 29 yrs		Quintile 2		
RLN				21	30 to 34 yrs		Quintile 3		
RLN				30	35 to 39 yrs		Quintile 4		
RLN				31	40 to 44 yrs		Quintile 5		
RLN				32	45 to 49 yrs				
RLN				33	50 to 54 yrs				
RLN				34	55 to 59 yrs				
RLN				35	60 to 64 yrs				
RLN				36	65 to 69 yrs				
RLN				37	70 to 74 yrs				
RLN				40	75 to 79 yrs				
RLN				41	80 to 84 yrs				
RLN				42	85 and over				
RLN				43					
RLN				44					
RLN				51					
RLN				52					

RLN					53					
RLN					54					
RLN					99					
QHD	SERVICE_ID	QUERY_DESCRIPTION		START_DATE	END_DATE					
QRY	PHOA0005	Myocardial Infarction ever recorded		20040701	20040930					
RHD	VALUE	VALUE2		COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN					10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN					11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN					12	25 to 29 yrs		Quintile 2		
RLN					21	30 to 34 yrs		Quintile 3		
RLN					30	35 to 39 yrs		Quintile 4		
RLN					31	40 to 44 yrs		Quintile 5		
RLN					32	45 to 49 yrs				
RLN					33	50 to 54 yrs				
RLN					34	55 to 59 yrs				
RLN					35	60 to 64 yrs				
RLN					36	65 to 69 yrs				
RLN					37	70 to 74 yrs				
RLN					40	75 to 79 yrs				
RLN					41	80 to 84 yrs				
RLN					42	85 and over				
RLN					43					
RLN					44					
RLN					51					
RLN					52					
RLN					53					

RLN				54					
RLN				99					
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Heart Failure ever recorded	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN				12	25 to 29 yrs		Quintile 2		
RLN				21	30 to 34 yrs		Quintile 3		
RLN				30	35 to 39 yrs		Quintile 4		
RLN				31	40 to 44 yrs		Quintile 5		
RLN				32	45 to 49 yrs				
RLN				33	50 to 54 yrs				
RLN				34	55 to 59 yrs				
RLN				35	60 to 64 yrs				
RLN				36	65 to 69 yrs				
RLN				37	70 to 74 yrs				
RLN				40	75 to 79 yrs				
RLN				41	80 to 84 yrs				
RLN				42	85 and over				
RLN				43					
RLN				44					
RLN				51					
RLN				52					
RLN				53					
RLN				54					

RLN				99					
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	CVD risk recorded in the last 5 years	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN				12	25 to 29 yrs		Quintile 2		
RLN				21	30 to 34 yrs		Quintile 3		
RLN				30	35 to 39 yrs		Quintile 4		
RLN				31	40 to 44 yrs		Quintile 5		
RLN				32	45 to 49 yrs				
RLN				33	50 to 54 yrs				
RLN				34	55 to 59 yrs				
RLN				35	60 to 64 yrs				
RLN				36	65 to 69 yrs				
RLN				37	70 to 74 yrs				
RLN				40	75 to 79 yrs				
RLN				41	80 to 84 yrs				
RLN				42	85 and over				
RLN				43					
RLN				44					
RLN				51					
RLN				52					
RLN				53					
RLN				54					
RLN				99					

QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Diabetes patients recorded as having a microalbuminuria test in the last 18 months	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN				12	25 to 29 yrs		Quintile 2		
RLN				21	30 to 34 yrs		Quintile 3		
RLN				30	35 to 39 yrs		Quintile 4		
RLN				31	40 to 44 yrs		Quintile 5		
RLN				32	45 to 49 yrs				
RLN				33	50 to 54 yrs				
RLN				34	55 to 59 yrs				
RLN				35	60 to 64 yrs				
RLN				36	65 to 69 yrs				
RLN				37	70 to 74 yrs				
RLN				40	75 to 79 yrs				
RLN				41	80 to 84 yrs				
RLN				42	85 and over				
RLN				43					
RLN				44					
RLN				51					
RLN				52					
RLN				53					
RLN				54					
RLN				99					
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					

QRY	PHOA0005	Diabetes patients who have had a positive microalbuminuria test and are on ACE inhibitor Or A2 receptor agonist at last annual	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN				12	25 to 29 yrs		Quintile 2		
RLN				21	30 to 34 yrs		Quintile 3		
RLN				30	35 to 39 yrs		Quintile 4		
RLN				31	40 to 44 yrs		Quintile 5		
RLN				32	45 to 49 yrs				
RLN				33	50 to 54 yrs				
RLN				34	55 to 59 yrs				
RLN				35	60 to 64 yrs				
RLN				36	65 to 69 yrs				
RLN				37	70 to 74 yrs				
RLN				40	75 to 79 yrs				
RLN				41	80 to 84 yrs				
RLN				42	85 and over				
RLN				43					
RLN				44					
RLN				51					
RLN				52					
RLN				53					
RLN				54					
RLN				99					
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Diabetes pats with HbA1C <=8 at last Annual Check (if part of Diabetes Get Checked)	20040701	20040930					

RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE
		or in the last year (if not part of Diabetes Get Checked)						
RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N
RLN				12	25 to 29 yrs		Quintile 2	
RLN				21	30 to 34 yrs		Quintile 3	
RLN				30	35 to 39 yrs		Quintile 4	
RLN				31	40 to 44 yrs		Quintile 5	
RLN				32	45 to 49 yrs			
RLN				33	50 to 54 yrs			
RLN				34	55 to 59 yrs			
RLN				35	60 to 64 yrs			
RLN				36	65 to 69 yrs			
RLN				37	70 to 74 yrs			
RLN				40	75 to 79 yrs			
RLN				41	80 to 84 yrs			
RLN				42	85 and over			
RLN				43				
RLN				44				
RLN				51				
RLN				52				
RLN				53				
RLN				54				
RLN				99				
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE				
QRY	PHOA0005	Statins prescribed when CVD risk > =15%	20040701	20040930				
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE

RLN				10	15 to 19 yrs	Female	Quintile 0	CARE Y	
RLN				11	20 to 24 yrs	Male	Quintile 1	CARE N	
RLN				12	25 to 29 yrs		Quintile 2		
RLN				21	30 to 34 yrs		Quintile 3		
RLN				30	35 to 39 yrs		Quintile 4		
RLN				31	40 to 44 yrs		Quintile 5		
RLN				32	45 to 49 yrs				
RLN				33	50 to 54 yrs				
RLN				34	55 to 59 yrs				
RLN				35	60 to 64 yrs				
RLN				36	65 to 69 yrs				
RLN				37	70 to 74 yrs				
RLN				40	75 to 79 yrs				
RLN				41	80 to 84 yrs				
RLN				42	85 and over				
RLN				43					
RLN				44					
RLN				51					
RLN				52					
RLN				53					
RLN				54					
RLN				99					

B2 Sample Data

OHD,PERORG_ID,ORGANISATION_NAME,CONTRACT_ID,TEMPLATE_DATE,STANDARD,SOFTWARE,VERSION,TEST,EMAIL
ORG,987654,Sample PHO,123456,20040807,Release Candidate,MS Access,2003,TEST,ceo@pho.co.nz
QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE
QRY,PHOA0005,Smoking status ever recorded,20040701,20040930
RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE
RLN,3,511,,10,5 to 14 yrs,Female,Quintile 0,CARE Y
RLN,23,234,,10,5 to 14 yrs,Female,Quintile 1,CARE Y
...
RLN,0,13,,41,85 and over,Male,Quintile 4,CARE N
RLN,1,6,,41,85 and over,Male,Quintile 5,CARE N
...
QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE
QRY,PHOA0005,Diabetes patients who have had a positive microalbuminuria test and are on ACE inhibitor
Or A2 receptor agonist at last annual check,20040701,20040930
RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE
RLN,0,2,,10,5 to 14 yrs,Female,Quintile 0,CARE Y
RLN,6,12,,10,5 to 14 yrs,Female,Quintile 1,CARE Y
...
RLN,0,3,,41,85 and over,Male,Quintile 4,CARE N
RLN,1,9,,41,85 and over,Male,Quintile 5,CARE N
...
QHD,SERVICE_ID,QUERY_DESCRIPTION,START_DATE,END_DATE
QRY,PHOA0005,Statins prescribed when CVD risk >= 15%,20040701,20040930
RHD,VALUE,VALUE2,COMMENT,PHOETHNIC,PHOCPIAGE,PHOGENDER,PHOQUIN,PHOCARE
RLN,1,511,,10,5 to 14 yrs,Female,Quintile 0,CARE Y
RLN,3,234,,10,5 to 14 yrs,Female,Quintile 1,CARE Y
...
RLN,0,13,,41,85 and over,Male,Quintile 4,CARE N
RLN,2,6,,41,85 and over,Male,Quintile 5,CARE N

Note: *This is a Full PHO report as denoted by the lack of a Practice Data Set*

Note: Here is the same information, in a more readable form. The highlighted rows are Column Name Rows.

OHD	PERORG_ID	ORGANISATION_NAME	CONTRACT_ID	TEMPLATE_DATE	STANDARD	SOFTWARE	VERSION	TEST	EMAIL
ORG	987654	Sample PHO	123456	20040807	1.0	MS Access	2003	TEST	ceo@pho.co.nz
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Smoking status ever recorded	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN	3	511		10	5 to 14 yrs	Female	Quintile 0	CARE Y	
RLN	23	234		10	5 to 14 yrs	Female	Quintile 1	CARE Y	
...									
RLN	0	13		99	85 and over	Male	Quintile 4	CARE N	
RLN	1	6		99	85 and over	Male	Quintile 5	CARE N	
...									
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Diabetes patients who have had a positive microalbuminuria test and are on ACE inhibitor Or A2 receptor agonist at last annual check	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN	0	2		10	5 to 14 yrs	Female	Quintile 0	CARE Y	
RLN	6	12		10	5 to 14 yrs	Female	Quintile 1	CARE Y	
...									
RLN	0	3		99	85 and over	Male	Quintile 4	CARE N	
RLN	1	9		99	85 and over	Male	Quintile 5	CARE N	
QHD	SERVICE_ID	QUERY_DESCRIPTION	START_DATE	END_DATE					
QRY	PHOA0005	Statins prescribed when CVD risk >= 15%	20040701	20040930					
RHD	VALUE	VALUE2	COMMENT	PHOETHNIC	PHOCPIAGE	PHOGENDER	PHOQUIN	PHOCARE	
RLN	1	511		10	5 to 14 yrs	Female	Quintile 0	CARE Y	
RLN	3	234		10	5 to 14 yrs	Female	Quintile 1	CARE Y	
...									
RLN	0	13		99	85 and over	Male	Quintile 4	CARE N	
RLN	2	6		99	85 and over	Male	Quintile 5	CARE N	

Appendix C Data Set Column Names

C1 Organisation Column Names Row

OHD|PERORG_ID|ORGANISATION_NAME|CONTRACT_ID|TEMPLATE_DATE|STANDARD|SOFTWARE|VERSION|TEST|EMAIL

C2 Practice Column Names Row

PHD|PERORG_ID|PRACTICE_NAME|PRACTICE_ID

C3 Query Column Names Row

QHD|SERVICE_ID|QUERY_DESCRIPTION|START_DATE|END_DATE

C4 Report Column Names Row

RHD|VALUE|VALUE2|COMMENT|...

Note: The remaining column names are specific to the contracted service and must be taken from the template.

Appendix D Selection Criteria Elements

This Data Format Standard establishes a means of providing the necessary data to update the Ministry's Contract Management System (CMS). The relevant components of this system allow monitoring against a contract or a contracted service in a contract.

The mechanism used is the Report Line — where each such Report Line contains sufficient information to precisely define a single item in a report. These Report Lines are generated within CMS (along with calculated Due Date details for each period of the report as a whole) and then matched against the input to ensure reports are both complete and received on time.

D1 Report Line

Each Report Line is made up of the following elements:

- **Contract** The contract number of the contract agreed between the PHO and their DHB;
- **Service** The individual service in that contract to which the report applies;
- **Query** The question the report is seeking to answer;
- **Start Date** The start of the reporting period;
- **End Date** The end of the reporting period;
- **Selection** The subset of the query 'answered' by this row;
- **Value** The actual reported value (eg the number of instances of the query satisfying the Selection);
Note: This answer value is not limited to aggregate integers, it may also be a date, a logical value eg (Yes or No), text (up to 200 characters) or (in a special group) numbers that cannot normally be added together such as FTEs. Each Report Line must be reported as the correct type, and new types can be created.
- **Value2** This is generally the total population available to satisfy the Selection; and
- **Comment** Relevant textual comment, presently limited to 1000 characters.

D2 Template Format

The Template provides the format in which to return this data, as follows:

- | | |
|-------------------------|---|
| • Organisation Data Set | Contract |
| • Query Data Set | Service, Query, Start Date, End Date |
| • Report Data Set | Selection, Value, Value2, Comment |

The optional Practice Data Set allows for the definition of Query and Report Data Sets that relate to one or more practices, rather than the PHO as a whole. However, this reporting is still recorded in CMS against the PHO contract and contracted service.

Appendix E Reporting Groups

E1 PHOCPIAGE: Age Bands for Clinical Performance Indicators

<i>Report Value</i>	<i>Description</i>
15 to 19 yrs	Aged 15 to 19 at end of period
20 to 24 yrs	Aged 20 to 24 at end of period
25 to 29 yrs	Aged 25 to 29 at end of period
30 to 34 yrs	Aged 30 to 34 at end of period
35 to 39 yrs	Aged 35 to 39 at end of period
40 to 44 yrs	Aged 40 to 44 at end of period
45 to 49 yrs	Aged 45 to 49 at end of period
50 to 54 yrs	Aged 50 to 54 at end of period
55 to 59 yrs	Aged 55 to 59 at end of period
60 to 64 yrs	Aged 60 to 64 at end of period
65 to 69 yrs	Aged 65 to 69 at end of period
70 to 74 yrs	Aged 70 to 74 at end of period
75 to 79 yrs	Aged 75 to 79 at end of period
80 to 84 yrs	Aged 80 to 84 at end of period
85 and over	Aged 85 or over at end of period

E2 PHOQUIN: Deprivation Quintile

<i>Report Value</i>	<i>Description</i>
Quintile 0	Not geo-coded
Quintile 1	Decile 1 or 2 (least deprived)
Quintile 2	Decile 3 or 4
Quintile 3	Decile 5 or 6
Quintile 4	Decile 7 or 8
Quintile 5	Decile 9 or 10 (most deprived)

E3 PHOETHNIC: Ethnicity – Level 2

<i>Report Value</i>	<i>Description</i>
10	European (Not Further Defined)
11	New Zealand European / Pakeha
12	Other European
21	NZ Maori
30	Pacific Island (Not Further Defined)
31	Samoan
32	Cook Island Maori
33	Tongan
34	Nuiean

35	Tokelauan
36	Fijian
37	Other Pacific Island
40	Asian (Not Further Defined)
41	South East Asian
42	Chinese
43	Indian
44	Other Asian
51	Middle Eastern
52	Latin American / Hispanic
53	African (or cultural group of African origin)
54	Other
99	Not stated

E4 PHOGENDER: Gender

<i>Report Value</i>	<i>Description</i>
Male	Male or Unknown
Female	Female

E5 PHOCARE: Care Plus Status

<i>Report Value</i>	<i>Description</i>
CARE Y	Care Plus patient at start of period
CARE N	Patient was not Care Plus at start of period

Appendix F Clinical Performance Indicators

Service: PHOA0005 First Contact Services – Access
Or: PHOE0001 First Contact Services – Interim

F1 Query — Number of Practices included in Clinical Performance Indicator Report

The required responses are:

- VALUE1 Number of Practices included in the report.
- VALUE2 The total number of Practices in the PHO.
- COMMENT: Unused.

The Selection criteria will not apply.

F2 Query — Smoking status ever recorded

The required responses are:

- VALUE1 Count of registered or enrolled patients with system codes indicating they have ever had a smoking status recorded. If using Read codes to derive the information, please use codes as follows (where '.' is a wildcard)

137.; 1371; 1372; 1373; 1374; 1375; 1376; 1377; 1378; 1379; 137A.; 137B.; 137C.; 137D.; 137E.; 137F.; 137G.; 137H.; 137I.; 137J.; 137K.; 137L.; 137M.; 137N.; 137O.; 137P.; 137Q.; 137R.; 137S.; 137Z.; E2510; E2511; E2512; E2513; E2514; E251z

If Read codes are not used then the codes that will be used need to derive the information that will answer the query *Smoking status ever recorded*.

- VALUE2 *[Population]* The total number of registered or enrolled patients available to the Selection.
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

F3 Query — Diabetes recorded in the past year [Get Checked]

The required responses are:

- VALUE1 Count of registered or enrolled patients for whom a claim was filed for an annual check through the Diabetes Get Checked programme, during the twelve months up to and including the last day of the reporting period
- VALUE2 *[Population]* The total number of registered or enrolled patients available to the Selection.
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

Note: The nature of CMS reporting is such that both Diabetes options must be reported. However, during its first year of reporting, a PHO may choose to report either option and from the second year onward, they must report F3Query — Diabetes recorded in the past year [Get Checked]. As both options must be included every time, it is recommended that the unused option is zero-filled (including the population [VALUE2] column)

F4 Query — Diabetes ever recorded

The required responses are:

- VALUE1 Count of registered or enrolled patients with system codes indicating they have ever had Diabetes. If using Read Codes to derive the information please use codes as follows (where ‘.’ is a wildcard).

C10.; C100.; C1000; C1001; C100z; C101.; C1010; C1011; C101y; C101z; C102.; C1020; C1021; C102z; C103.; C1030; C1031; C103y; C103z; C104.; C1040; C1041; C104y; C104z; C105.; C1050; C1051; C105y; C105z; C106.; C1060; C1061; C106y; C106z; C107.; C1070; C1071; C1072; C1073; C1074; C107y; C107z; C108.; C1080; C1081; C1082; C1083; C1084; C1085; C1086; C1087; C1088; C1089; C108y; C108z; C109.; C1090; C1091; C1092; C1093; C1094; C1095; C1096; C1097; C10A.; C10A0; C10A1; C10A2; C10A3; C10A4; C10A5; C10A6; C10A7; C10AW; C10AX; C10B.; C10B0; C10y.; C10y0; C10y1; C10yz; C10z.; C10z0; C10z1; C10zy; C10zz

If Read codes are not used then the codes that will be used need to derive the information that will answer the query *Diabetes ever recorded*.

- VALUE2 *[Population]* The total number of registered or enrolled patients available to the Selection.
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

Note: The nature of CMS reporting is such that both Diabetes options must be reported. However, during its first year of reporting, a PHO may choose to report either option and from the second year onward, they must report F3Query — Diabetes recorded in the past year [Get Checked]. As both options must be included every time, it is recommended that the unused option is zero-filled (including the population [VALUE2] column)

F5 Query — Stroke ever recorded

The required responses are:

- VALUE1 Count of registered or enrolled patients with a system code indicating that the patient has ever had a stroke up to and including the last day of the reporting period.
If using Read Codes to derive the information please use codes as follows (where '.' is a wildcard).

G6...; G60...; G600.; G601.; G602.; G603.; G604.; G605.; G606.; G60X.; G60z.; G61..; G610.; G611.; G612.; G613.; G614.; G615.; G616.; G617.; G618.; G61X.; G61X0; G61X1; G61z.; G62...; G620.; G621.; G62z.; G63...; G630.; G631.; G632.; G633.; G634.; G63y.; G63y0; G63y.; G63y1; G63z.; G64...; G640.; G6400; G641.; G6410; G64z.; G64z0; G64z1; G64z2; G64z3; G65...; G650.; G651.; G6510; G652.; G653.; G654.; G655.; G65y.; G65z.; G65z0; G65z1; G65zz; G66...; G660.; G661.; G662.; G663.; G664.; G665.; G666.; G667.; G668.; G669.; G67...; G670.; G671.; G6710; G6711; G671z; G672.; G673.; G6730; G6731; G674.; G6740; G675.; G676.; G6760; G677.; G6770; G6771; G6772; G6773; G6774; G67y.; G67z.; G68...; G680.; G681.; G682.; G683.; G68W.; G68X.; G6W...; G6X...; G6y...; G6z..

If Read codes are not used then the codes that will be used need to derive the information that will answer the query *Stroke ever recorded*.

- VALUE2 *[Population]* The total number of registered or enrolled patients available to the Selection.
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

F6 Query — Myocardial Infarction ever recorded

The required responses are:

- VALUE1 Count of registered or enrolled patients with a system code indicating that the patient has ever had Myocardial Infarction up to and including the last day of the reporting period
If using Read Codes to derive the information please use codes as follows (where '.' is a wildcard).

G30.; G300.; G301.; G3010; G3011; G301z; G302.; G303.; G304.; G305.; G306.; G307.; G308.; G30X.; G30y.; G30y0; G30y1; G30y2; G30yz; G30z.; G32.; G35.; G350.; G351.; G353.; G35X.; G36.; G360.; G361.; G362.; G363.; G364.; G365.; G366.;

If Read codes are not used then the codes that will be used need to derive the information that will answer the query *Myocardial Infarction ever recorded*.

- VALUE2 *[Population]* The total number of registered or enrolled patients available to the Selection.
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

F7 Query — Heart Failure ever recorded

The required responses are:

- VALUE1 Count of registered or enrolled patients with a system code indicating that the patient has ever had Heart Failure up to and including the last day of the reporting period.

If using Read Codes to derive the information please use codes as follows (where '.' is a wildcard).

G58.; G580.; G5800; G5801; G5802; G5803; G581.; G5810; G582.; G58z.;

If Read codes are not used then the codes that will be used need to derive the information that will answer the query *Heart Failure ever recorded*

- VALUE2 *[Population]* The total number of registered or enrolled patients available to the Selection.
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

F8 Query — CVD risk recorded in the last 5 years

The PMS system should record CVD risk in accordance with "The Assessment and Management of Cardiovascular Risk" (NZ Guidelines Group, December 2003). The PMS should store the CVD risk, or the CVD risk range ("mild (0-10%)", "moderate (10-15%)", "high (15-20%)", "very high (20-25%)", with the date when patient's risk was assessed.

The required responses are:

- VALUE1 Count of registered or enrolled patients with a CVD risk recorded (using a template that complies with the algorithm noted above) in the five years up to and including the last day of the reporting period.

• VALUE2 *[Population]* The total number of registered or enrolled patients available to the Selection.

• COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

F9 Query — Diabetes patients recorded as having a microalbuminuria test in the last 18 months

The required responses are:

- VALUE1 Count of registered or enrolled patients where the microalbuminuria test has been recorded as being ordered in the 18 months up to and including the end of the reporting period.
- VALUE2 The total number of registered or enrolled patients who have had an annual screen for Diabetes Get Checked or Diabetes ever recorded (Read code C10).
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

F10 Query — Diabetes patients who have had a positive microalbuminuria test and are on ACE inhibitor or A2 receptor agonist at last annual check

The required responses are:

- VALUE1 Count of registered or enrolled patients where the microalbuminuria test was positive and are on a ACE inhibitor in the 18 months up to and including the reporting period.
Note: A positive microalbuminuria test means;
 - i. for men, albumen:cretine ration >2.5 and
 - ii. for women, albumen:cretine ration >3.5 or
 - iii. for either gender a a negative microalbumin stick test
- VALUE2 Count of registered or enrolled patients where the microalbuminuria test has been recorded as being ordered in the 18 months up to and including the end of the reporting period.
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

F11 Query — Diabetes patients with HbA1C 8 or below at last annual check (if part of Diabetes Get Checked) or in the last year (if not part of Diabetes Get Checked)

The required responses are:

- VALUE1 Count of registered or enrolled patients with a system code indicating that the patient has had Diabetes with HbA1C 8 or below at last annual check (if part of Diabetes Get Checked) or in the last year (if not part of Diabetes Get Checked).
- VALUE2 *[Population]* The total number of registered or enrolled patients who have had an annual screen for Diabetes Get Checked or Diabetes ever recorded (Read code C10).
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE

F12 Query — Statins prescribed when CVD risk \geq 15%

The required responses are:

- VALUE1 Count of registered or enrolled adult patients with a CVD risk of 15% or more who have been prescribed statins, where:
 - a) The statins have been prescribed in the twelve months up to and including the end of the reporting period; and
 - b) The CVD risk has been recorded in the 5 years up to and including the end of the reporting period.
- VALUE2 All those registered or enrolled patients available to the Selection that have had their CVD risk recorded as \geq 15% in the 5 years up to and including the end of the reporting period.
- COMMENT: Unused.

The Selection criteria are:

- PHOCPIAGE
- PHOETHNIC
- PHOGENDER
- PHOQUIN
- PHOCARE