

**THE ARTHRITIS SOCIETY - CONSULTATION & THERAPY SERVICE (CTS)**

**1994 - 1995 ANNUAL SUMMARY OF CLIENTS AND REFERRALS**

**Prepared by Marlene Stephens  
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## I. Introduction

The Consultation and Therapy Service of The Arthritis Society (Ontario Division) provides rehabilitation services to adults and children with rheumatic diseases. Services are provided on both an individual and group basis. Service providers include physiotherapists, occupational therapists, and social workers.

This report summarizes CTS client, referral and service data for the fiscal period April 1/94 to March 31/95. Prior to January 1/94, clients required a referral from a physician. This is no longer necessary due to a change in legislation. In the 1994-95 period, the CTS was organized into six service areas. These areas were designated: 'Eastern' (A); 'Central East' (B); 'Central West' (C); South Western (D); 'North East' (E); and 'North West' (F) (see map in Appendix A).

## 2. Data Collection and Analysis

Information regarding clients, referrals and services was recorded by CTS staff on Case Data Forms (see Appendix B). One form was completed for each service provided; thus, if a client received two types of service, there would be two forms. Similarly, if a person was referred for the same type of service several times, that client would have a new Case Data Form (CDF) completed each time (s)he was referred.

Information was recorded when the case was opened and when it was closed. 'Opening' and 'closing' copies of the CDFs were sent to the CTS head office once a month. At this location, the information was entered into a computer file using dBase IV. Each record in this data base contains all the information on one CDF, i.e. the client's demographic and disease characteristics; date and source of referral, and details about type, amount, and provider of CTS service.

Analysis of the data was carried out by staff of the Arthritis Community Research & Evaluation Unit (ACREU). ACREU is a research partner of CTS. SPSS, a statistical software program, was used for the analysis.

Two units of analysis were used: i) client and ii) referral, and the results are presented accordingly.

## 3. Results

The results presented in this report are for all referrals to CTS in which the first day of service occurred during the period, April 1/94 to March 31/95.

Note that Table 1.0 is the only table that includes results for both clients and referrals. For the remainder of the analyses, data pertaining to clients and referrals are presented separately. Client summaries are found in Tables 1.1 to 1.19, and referral summaries in Tables 2.1 to 2.20. In most of the tables, the information is summarized as a 'Total' (i.e. all cases throughout the province) and as six subgroups which represent the six service areas.

Wherever appropriate, percentages (%) as well as the number of cases (n) are provided. Note that all percentages in the report are for valid cases only, i.e. cases with missing data are excluded. However, the number (n) of missing cases is shown in order to identify data collection problems and to assist in the interpretation of results. Also note that in the tables involving means (e.g. age, Table 1.4), the numbers reported as 'range' are the minimum and maximum values.

Table 1.0 is a summary of the number of clients and referrals grouped according to **service area**. A total of 5,458 **clients** were referred to CTS and began receiving service during the 1994-95 period. It is important to note that this total does **not** include clients

who were receiving service during this time but whose case was opened prior to April 1/94.

The total number of **referrals** for the 1994-95 period was 6,336; thus some of the clients were referred for more than one type of service or were referred for a specific service more than once.

Factors influencing the geographic variation in numbers of clients and referrals include availability of CTS staff and programs in a particular area, as well as referral patterns and locations of physicians.

### 3a. Clients

#### Residential Locations

Table 1.1 lists the main cities and towns where CTS clients were residing. Those marked with an asterisk are designated as rural according to postal code criteria. Only locations with ten or more clients are included.

In the 'Eastern' service region (A), CTS staff provided service to five clients who were residents of Quebec.

#### Demographic Characteristics

Demographic summaries are found in Tables 1.2 to 1.10.

The data in Table 1.2 indicate that CTS clients were predominately **female** and the proportion of **males** was highest in area A.

Data regarding **age** (Tables 1.3 & 1.4) show that clients tended to be middle aged or older with 73.0% age 45 or older and 36.3% in the age 65 or older group. The mean was 55.7 years and there was a large range in ages from 20 months to 97 years. Note that decimals are used for the minimum age in Table 1.4 as ages less than 2 years were recorded in months.

There was little regional variation in the age mean and range; however, the more detailed age group analysis shows some area differences. Areas B and C had a higher proportion of clients under age 18; this finding may reflect the availability of pediatric rheumatologists in these regions. Area F had the highest proportion of young and middle aged adults (age 18-64) and the lowest percent of elderly clients.

Note in Tables 1.5 & 1.6 that the analysis was restricted to adult clients (age 18 and over). For **marital status**, the relatively high proportion in the widowed group reflects the fact that CTS clients were disproportionately female and elderly compared to the general population of Ontario<sup>1</sup>.

The relatively older age of CTS clients was also a factor regarding **education level** (Table 1.6); 15.2% of adult clients were in the 'elementary or less' category and 42.6% had not completed high school. Also note in Table 1.6 that education information was missing for 240 individuals; either the staff did not ask the client or the client refused to supply the information.

Individuals whose primary **language** (Table 1.7) is one other than English or French represented 10.3% of CTS clients. As evidenced in the area comparisons, area B had the highest proportion of these individuals, 19.7%. This is not surprising considering that many of area B's clients were residing in metropolitan Toronto, a city with a multiculturally diverse population. Also not unexpected is the finding that Francophone clients were residing mainly in the 'Eastern' (A) or the 'North East' (E) regions of the province.

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<sup>1</sup> Statistics Canada Profile of Census Divisions & Census Subdivisions - Part A. Ottawa: Supply & Services Canada, 1992. 1991 Census of Canada Service Number 846-031.

**Household size** information, presented in Table 1.8, indicates that 24.9% of clients were living alone and area D had the highest proportion of this group. Information regarding living arrangements is useful to service providers considering that clients with musculoskeletal diseases may experience disability and require assistance.

It must be noted that the data in this table may involve bias regarding clients who were not living in a private dwelling (e.g. residents of a senior's facility). It is not known how CTS staff were recording this information. It is possible that these cases are among those designated as missing data.

Tables 1.9 & 1.10 summarize **employment** data for clients age 18 to 64. Note that individuals working full or part time have been grouped together. This was necessary due to a limitation of the CDF. It contained a category, 'self-employed', and for those clients no information was collected regarding full or part-time status.

Close to two-thirds of clients in this age group were not working at the time they received service. There was regional variation with area E having the highest proportion of clients unemployed. **Reasons for not working** are shown in Table 1.10. Percentages are not used because individuals could give more than one reason. Of interest, are the number of clients who were unemployed due to health problems; 685 individuals stated that they were on either sickleave or short or long term disability.

### **Disease Characteristics**

Summaries of disease related information are found in Tables 1.11 to 1.19.

**Primary diagnosis** data for clients of all ages are shown in Table 1.11. Then the data for adults and children are presented separately in Tables 1.12 & 1.13. It is

important to interpret Table 1.11 with caution regarding the numbers for rheumatoid and juvenile arthritis. The data in the table represent the diagnostic codes that were recorded on the CDFs; however, analysis revealed inconsistencies regarding how individuals were classified. Some clients in the RA category were children and some JA clients were adults with juvenile onset; similarly, some adults coded as RA on the CDF also had their disease onset in childhood.

Table 1.11 shows that CTS was serving clients with a broad range of diseases; however, the majority of clients, 59.6%, had either rheumatoid or osteoarthritis and another 14.9% had fibrositis or fibromyalgia. As evidenced in the regional comparisons, area D was unique in having OA, rather than RA, as the most frequent diagnosis and also more clients with fibrositis or fibromyalgia than with RA. Areas D and F differed from the others in having fibrositis/fibromyalgia as the second highest disease category.

The summary of **adults' diagnostic categories**, Table 1.12, shows a similar pattern to that of Table 1.11. Note that cases of pauciarticular and polyarticular onset JA have been combined, and as explained above, some clients with juvenile onset were found in the RA category. Table 1.13, **childrens' diagnostic categories**, indicates that the majority of this age group, 57.4%, had polyarticular or pauciarticular onset JA. Regional differences should be interpreted with caution due to the small number of cases.

Data for **disease duration** are presented in Tables 1.14 & 1.15. This information may involve some inaccuracies as duration was self-reported by the client, and clients may use different criteria regarding time of onset (e.g. first symptoms or physician diagnosis). Of interest, is the number of clients referred to CTS with a relatively short disease duration; 23.3% reported a duration of one

year or less. Considerable variability regarding disease duration is evident in the 'Total' figures in both tables. Duration and age data were used to calculate the time of disease onset. The mean onset age was 48.1 years for adult clients (age 17 & over) and 7.1 for children (age 16 & under).

Tables 1.16 & 1.17 pertain to **joint replacements**. The reported number of clients with joint replacements was small; however, this group may be somewhat under-represented. Joint replacement information may not have been obtained or recorded by CTS staff if it was considered irrelevant at the time they were providing service. No area comparison is provided for **type of joint replacement** due to the small number of cases. And percentages are excluded in this table because some clients had had more than one replacement either of the same or different type.

Additional health status information was collected regarding concurrent conditions; up to three other health problems were recorded on the CDF. These data should be interpreted with caution as this information was self-reported by clients, and also, staff may not have recorded a condition if it was not considered pertinent to provision of CTS services.

A summary of the reported number of **concurrent conditions** is found in Table 1.18. The data show that 43.6% of clients reported at least one other health problem besides the one for which they were referred. A relevant factor is the age profile of individuals served by CTS; 36% were age 65 or older. Note that the percentages in this table cannot be summed as the cases in the lower two groups are included in the category "at least 1 other".

Information about **types of concurrent conditions** is presented in Table 1.19. Note that these percentages can not be summed because individuals could report more than

one condition. The data shown are the number of clients who reported one or more health problems in a particular category. Note that the specific disease listed on the CDF was coded using the classification scheme presented in Appendix C (e.g. diabetes was coded as 'metabolic/nutritional/endocrine'). This scheme is based on one that Statistics Canada developed by modifying the ICD-9 coding system (International Classification of Diseases).

### 3 b. Referrals

Summaries of referral and service information are found in Tables 2.1 to 2.20.

Data pertaining to **types of service** are presented in Tables 2.1 & 2.2. A large majority of referrals, 87.7% were for a service received on an individual basis. The service clients were referred for most frequently was physiotherapy. Of services provided in a group setting (Table 2.2), 'disease specific' and hydrotherapy were the predominate types. A major factor in the substantial regional variation regarding service type was availability (e.g. no social work in Area E or F). Additional factors include referral patterns of physicians and availability of rheumatologists in a given area.

**Referral source** information is summarized in Tables 2.3 & 2.4. 'regular', 'Homecare', 'clinic' and 'self' are considered as **'external'** sources; **'internal'** sources are CTS staff. Examples of the latter type are an occupational therapist referring a client she was treating to a social worker, or a social worker who was providing service to an individual, referring that person to a CTS support group.

As Table 2.3 shows, the majority of referrals for CTS service came from physicians who had seen a patient in their office ('regular'). The data also indicate substantial regional

variation in all types of referral source. Of interest is the number of requests for service that came directly from clients, particularly the percentage of 'self' referrals in the two northern service areas (E & F). The disproportionate number of 'clinic' referrals in these areas reflects the fact that rheumatologists who are located in other parts of the province travel there to provide service. Regional variation in 'Homecare' referrals may be influenced by local differences as this is a community-based agency.

The data regarding 'internal' referrals (see Table 2.4), with the highest proportion coming from physiotherapists, reflect the staff profile of CTS. Staffing allocation also contributed to the regional differences seen in this table.

In Table 2.5, **physician type**, the data only pertain to referrals from two sources, 'regular' and 'clinic', as the other types do not require a physician. While the majority of these referrals, 65.9%, came from rheumatologists, and almost a third from family practitioners, there was regional variation in these proportions. While location of physicians' practices is a factor, another is the referral pattern of particular physicians.

Tables 2.6 to 2.8 list frequencies of referrals according to **diagnosis** of client. In interpreting these data, refer to the cautionary note, found in the 'clients' results section, regarding RA and juvenile arthritis. Summaries of diagnostic categories, using referral as the unit of analysis, are included in order to ascertain if the frequency distributions are similar or different as compared with the analysis using the individual client as the unit of analysis. Comparisons of the percentages in all three diagnostic tables pertaining to referrals (2.6 to 2.8) with those found in the client tables (1.11 to 1.13) indicate minimal differences. One difference for Area B is that fibrositis/

fibromyalgia is the second highest disease category in the referral analysis and third highest in the client analysis.

Similarly, the data in Tables 2.9 & 2.10, for **disease duration** based on referral cases, show distribution patterns that are comparable to the same analysis for clients (Tables 1.14 & 1.15).

Information regarding the time interval between the date the referral is made and the date the client first receives service, known as the **wait time**, is presented in Tables 2.11 to 2.14. Table 2.11, which is the summary for referrals from all sources, shows a 'Total' mean wait time of 4.96 weeks. According to the area comparisons, area C had the longest average wait period and area E the shortest. The broad range in wait time from 0 (same day) to 78.1 weeks must be interpreted with caution. Very long wait periods could be due to the fact that a client was not available when CTS staff was able to provide service. For 5.4% of referrals, wait time was 0, and for 73.8%, it was 6 weeks or less.

The data in Table 2.12, which are restricted to referrals from three 'external' sources ('regular', Homecare & 'clinic'), are similar to that in Table 2.11. This is expected because these cases represent 87% of all referrals.

The data in Table 2.13, which is the wait time analysis for 'self' referrals only, indicate a shorter mean (2.14 weeks) compared to other referral sources. There is some regional variation in this table in both the mean and the maximum wait time.

When 'internal' referrals, i.e. those made by CTS staff, were analyzed separately (see 'Total' in Table 2.14), the mean wait time (6.14 weeks) was found to be longer for this group relative to the 'Total' means for 'external' sources (Tables 2.12 & 2.13). However, there was substantial regional

variation in wait time for the referrals made within CTS, and there were also area differences regarding whether the 'internal' referrals had a longer mean wait time relative to other referral sources.

Information regarding the number of times service was provided per referral is shown in Tables 2.15 to 2.20. This is referred to as '**attendance**'. Additional relevant information pertains to whether or not the referral was for an individual who was also a **Homecare** client (see Table 2.19). CTS service visits made under the auspices of Homecare were recorded separately; however, these attendances are also subsumed under the 'Total Attendance'.

It is important to note that the data in these tables are only available when the case is closed (i.e. the service has been completed); thus the information presented in the tables is restricted to the number of cases that were closed by the time the data were analyzed. Of the 6,336 referrals for service in this annual period, all but 99 cases were available for attendance analysis.

Data for **total attendance** are presented in Table 2.15. The mean number of attendances per referral was 4.05, and the number of attendances ranged from a single contact to 77. There was some regional variation in total attendance with area A having the highest mean attendance; the highest maximum attendance was in area C.

Attendance data, grouped according to diagnostic category, are provided for three diseases in Tables 2.16 to 2.18. The data demonstrate a higher mean attendance for referrals for clients with rheumatoid arthritis compared to the osteoarthritis and fibrositis/fibromyalgia groups. Also, for each of these diseases there are area differences in mean attendance.

As shown in Table 2.19, a small proportion

of referrals (6.4%) were for individuals who were seen under **Homecare**. Note the substantial regional variation. A separate attendance analysis of the 400 referrals made for Homecare clients is presented in Table 2.20. It is evident that the mean for Homecare attendance (5.93) was higher than the mean for Total attendance (4.05 in Table 2.15). Also evident in Table 2.20, are area differences in Homecare attendance mean and range.



**Table 1.0 Service Area**

	CLIENTS		REFERRALS	
	n	%	n	%
Area A	1082	19.8	1215	19.2
Area B	1345	24.6	1718	27.1
Area C	860	15.8	1045	16.5
Area D	1352	24.8	1481	23.4
Area E	633	11.6	679	10.7
Area F	186	3.4	198	3.1
<b>Total</b>	<b>5458</b>	<b>100.0</b>	<b>6336</b>	<b>100.0</b>

**Table 1.1 Client Locations**

	Area A	Area B	
	n		n
Ottawa	405	Metro Toronto	660
Kingston	147	Peterborough	128
Belleville	43	Mississauga	108
Trenton	26	Brampton/Bramalea	104
Cornwall	20	Thornhill	34
Perth	18	Ajax	32
Napanee	17	Markham/Unionville	24
Pembroke	15	Pickering	23
Picton*	15	Midland	22
Smiths Falls	15	Richmond Hill	22
Brockville	14	Oshawa/Whitby	22
Prescott*	10	Woodbridge	19
		Lakefield*	12
		Lindsay	10

Area C		Area D	
	n		n
Hamilton	193	London	581
Kitchener/Waterloo	135	Windsor	132
St. Catharines/Thorold	92	Chatham	114
Burlington	68	Woodstock	38
Guelph	59	St. Thomas	24
Cambridge	58	Stratford	22
Niagara Falls	32	Owen Sound	20
Oakville	27	Kincardine	16
Welland	26	Ingersoll	15
Stoney Creek	22	Tillsonburg	14
Brantford	10	Dorchester*	11
Grimsby	10	Blenheim*	10
		Southampton*	10

  

Area E		Area F	
	n		n
Sudbury	123	Thunder Bay	86
Timmins	104	Kenora	51
Sault St. Marie	85	Keewatin*	15
North Bay	56		
Parry Sound	13		
Bracebridge	11		
Huntsville	10		
Schumacher*	10		

**Table 1.2 Sex**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
female	4506 (82.6)	846 (78.2)	1124 (83.6)	734 (85.3)	1108 (82.0)	530 (83.7)	164 (88.2)
male	952 (17.4)	236 (21.8)	221 (16.4)	126 (14.7)	244 (18.0)	103 (16.3)	22 (11.8)

**Table 1.3 Age Group**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
< 18	201 ( 3.7)	17 ( 1.6)	87 ( 6.5)	44 ( 5.1)	33 ( 2.4)	18 ( 2.8)	2 ( 1.1)
18-29	241 ( 4.4)	63 ( 5.8)	68 ( 5.1)	31 ( 3.6)	41 ( 3.0)	26 ( 4.1)	12 ( 6.5)
30-44	1031 (18.9)	202 (18.7)	252 (18.7)	160 (18.6)	248 (18.3)	122 (19.3)	47 (25.3)
45-64	2002 (36.7)	396 (36.6)	458 (34.1)	319 (37.1)	516 (38.2)	237 (37.4)	76 (40.9)
65-74	1093 (20.0)	231 (21.3)	261 (19.4)	180 (20.9)	259 (19.2)	132 (20.9)	30 (16.1)
75 & over	890 (16.3)	173 (16.0)	219 (16.3)	126 (14.7)	255 (18.9)	98 (15.5)	19 (10.2)

**Table 1.4 Age**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
mean	55.7	56.6	54.2	55.0	57.2	56.0	52.7
range	1.7 - 97	5 - 93	1.7 - 94	1.8 - 94	1.7 - 91	2 - 97	5 - 93

**Table 1.5 Marital Status (age 18 & over)**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
married/ com. law	3176 (60.5)	646 (60.8)	743 (59.3)	498 (61.1)	797 (60.5)	374 (60.8)	118 (64.1)
widowed	1049 (20.0)	198 (18.6)	243 (19.4)	167 (20.5)	281 (21.3)	126 (20.5)	34 (18.5)
divorced/ separated	556 (10.6)	107 (10.1)	141 (11.2)	79 ( 9.7)	151 (11.5)	65 (10.6)	13 ( 7.1)
never married	466 ( 8.9)	111 (10.5)	127 (10.1)	71 ( 8.7)	88 ( 6.7)	50 ( 8.1)	19 (10.3)
missing	10	3	4	1	2	0	0

**Table 1.6 Education Level (age 18 & over)**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
element. or less	764 (15.2)	119 (11.5)	195 (15.9)	103 (14.8)	190 (14.5)	122 (21.4)	35 (19.0)
some high sch.	1377 (27.4)	268 (25.9)	307 (25.1)	202 (29.0)	407 (31.1)	149 (26.2)	44 (23.9)
high sch. graduate	1283 (25.6)	273 (26.4)	284 (23.2)	208 (29.8)	330 (25.2)	142 (25.0)	46 (25.0)
some college	375 ( 7.5)	62 ( 6.0)	107 ( 8.7)	41 ( 5.9)	100 ( 7.6)	42 ( 7.4)	23 (12.5)
some university	178 ( 3.5)	45 ( 4.4)	52 ( 4.2)	17 ( 2.4)	49 ( 3.7)	7 ( 1.2)	8 ( 4.3)
college graduate	512 (10.2)	131 (12.7)	111 ( 9.1)	66 ( 9.5)	133 (10.2)	56 ( 9.8)	15 ( 8.2)
university graduate	413 ( 8.2)	102 ( 9.9)	128 (10.4)	53 ( 7.6)	75 ( 5.7)	45 ( 7.9)	10 ( 5.4)
post graduate	115 ( 2.3)	33 ( 3.2)	41 ( 3.3)	7 ( 1.0)	25 ( 1.9)	6 ( 1.1)	3 ( 1.6)
missing	240	32	33	119	10	46	0

**Table 1.7 Primary Language**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
English	4617 (85.2)	902 (83.5)	1064 (79.3)	766 (89.3)	1246 (92.2)	457 (76.3)	182 (97.8)
French	241 ( 4.4)	109 (10.1)	13 ( 1.0)	6 ( 0.7)	9 ( 0.7)	104 (17.4)	0 ( 0.0)
Italian	107 ( 2.0)	5 ( 0.5)	52 ( 3.9)	23 ( 2.7)	13 ( 1.0)	13 ( 2.2)	1 ( 0.5)
German	44 ( 0.8)	7 ( 0.6)	11 ( 0.8)	12 ( 1.4)	8 ( 0.6)	5 ( 0.8)	1 ( 0.5)
Polish	35 ( 0.6)	4 ( 0.4)	15 ( 1.1)	6 ( 0.7)	9 ( 0.7)	1 ( 0.2)	0 ( 0.0)
Portuguese	29 ( 0.5)	1 ( 0.1)	9 ( 0.7)	2 ( 0.2)	16 ( 1.2)	1 ( 0.2)	0 ( 0.0)
Chinese	4 ( 0.1)	0 ( 0.0)	3 ( 0.2)	0 ( 0.0)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)
other lang.	340 ( 6.3)	52 ( 4.8)	175 (13.0)	43 ( 5.0)	50 ( 3.7)	18 ( 3.0)	2 ( 1.1)
missing	41	2	3	2	0	34	0

**Table 1.8 Household Size**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
lives alone	1339 (24.9)	265 (24.7)	299 (22.4)	211 (24.6)	374 (27.7)	155 (26.5)	35 (18.8)
with 1 person	2228 (41.4)	474 (44.3)	480 (35.9)	351 (40.9)	570 (42.2)	263 (45.0)	90 (48.4)
with 2 people	723 (13.4)	152 (14.2)	208 (15.6)	107 (12.5)	159 (11.8)	75 (12.8)	22 (11.8)
with 3 people	687 (12.8)	117 (10.9)	203 (15.2)	124 (14.4)	158 (11.7)	60 (10.3)	25 (13.4)
with 4 people	266 ( 4.9)	42 ( 3.9)	97 ( 7.3)	49 ( 5.7)	53 ( 3.9)	15 ( 2.6)	10 ( 5.4)
with 5 or more	144 ( 2.7)	21 ( 2.0)	50 ( 3.7)	17 ( 2.0)	36 ( 2.7)	16 ( 2.7)	4 ( 2.2)
missing	71	11	8	1	2	49	0

**Table 1.9 Employment Status (age 18- 64)**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
working full or part time	1116 (34.4)	238 (36.1)	246 (31.7)	166 (32.5)	306 (38.1)	105 (29.3)	55 (40.7)
not working	2127 (65.6)	422 (63.9)	530 (68.3)	344 (67.5)	498 (61.9)	253 (70.7)	80 (59.3)
missing	31	1	2	0	1	27	0

**Table 1.10 Reasons for Not Working (age 18-64)**

	<b>TOTAL</b>
	<b>n</b>
long term disability	540
short term disability	59
sick leave	86
laid off	17
looking for work	61
homemaker	732
retired	383
student	68
volunteer	24
maternity	11
other reason	376

**Table 1.11 Diagnosis - All Clients**

	<b>Total</b>	<b>Area A</b>	<b>Area B</b>	<b>Area C</b>	<b>Area D</b>	<b>Area E</b>	<b>Area F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
rheumatoid arthritis	1891 (34.7)	488 (45.1)	516 (38.4)	292 (34.2)	282 (20.9)	246 (38.9)	67 (36.0)
OA primary	1298 (23.8)	264 (24.4)	257 (19.2)	235 (27.5)	373 (27.6)	139 (22.0)	30 (16.1)
fibrositis/fibromyalgia	809 (14.9)	37 ( 3.4)	207 (15.4)	139 (16.3)	311 (23.0)	75 (11.9)	40 (21.5)
other diagnosis	244 ( 4.5)	62 ( 5.7)	43 ( 3.2)	37 ( 4.3)	77 ( 5.7)	13 ( 2.1)	12 ( 6.5)
psoriatic arthritis	159 ( 2.9)	43 ( 4.0)	37 ( 2.8)	27 ( 3.2)	26 ( 1.9)	18 ( 2.8)	8 ( 4.3)
ankylosing spondylitis	139 ( 2.6)	52 ( 4.8)	36 ( 2.7)	13 ( 1.5)	23 ( 1.7)	11 ( 1.7)	4 ( 2.2)
degenerative disc	123 ( 2.3)	13 ( 1.2)	19 ( 1.4)	18 ( 2.1)	58 ( 4.3)	15 ( 2.4)	0 ( 0.0)
polyarthritis	104 ( 1.9)	24 ( 2.2)	26 ( 1.9)	19 ( 2.2)	21 ( 1.6)	14 ( 2.2)	0 ( 0.0)
SLE systemic	89 ( 1.6)	17 ( 1.6)	32 ( 2.4)	8 ( 0.9)	13 ( 1.0)	17 ( 2.7)	2 ( 1.1)
unspecified arthritis	86 ( 1.6)	6 ( 0.6)	26 ( 1.9)	4 ( 0.5)	28 ( 2.1)	16 ( 2.5)	6 ( 3.2)
other nonartic. rheum	84 ( 1.5)	16 ( 1.5)	10 ( 0.7)	4 ( 0.5)	37 ( 2.7)	16 ( 2.5)	1 ( 0.5)
JA polyarticular	66 ( 1.2)	7 ( 0.6)	22 ( 1.6)	11 ( 1.3)	15 ( 1.1)	10 ( 1.6)	1 ( 0.5)
JA pauciarticular	63 ( 1.2)	7 ( 0.6)	25 ( 1.9)	16 ( 1.9)	8 ( 0.6)	5 ( 0.8)	2 ( 1.1)
scleroderma	59 ( 1.1)	11 ( 1.0)	20 ( 1.5)	9 ( 1.1)	12 ( 0.9)	6 ( 0.9)	1 ( 0.5)
OA secondary	58 ( 1.1)	10 ( 0.9)	11 ( 0.8)	1 ( 0.1)	28 ( 2.1)	6 ( 0.9)	2 ( 1.1)
polymyalgia rheumat.	30 ( 0.6)	6 ( 0.6)	11 ( 0.8)	3 ( 0.4)	4 ( 0.3)	5 ( 0.8)	1 ( 0.5)
osteoporosis	26 ( 0.5)	0 ( 0.0)	10 ( 0.7)	2 ( 0.2)	7 ( 0.5)	6 ( 0.9)	1 ( 0.5)
mixed connective	20 ( 0.4)	2 ( 0.2)	4 ( 0.3)	4 ( 0.5)	8 ( 0.6)	1 ( 0.2)	1 ( 0.5)
gout	19 ( 0.3)	2 ( 0.2)	5 ( 0.4)	1 ( 0.1)	4 ( 0.3)	5 ( 0.8)	2 ( 1.1)
JA systemic	17 ( 0.3)	2 ( 0.2)	7 ( 0.5)	2 ( 0.2)	3 ( 0.2)	2 ( 0.3)	1 ( 0.5)
arthrit.- bowel disease	16 ( 0.3)	3 ( 0.3)	5 ( 0.4)	1 ( 0.1)	3 ( 0.2)	1 ( 0.2)	3 ( 1.6)
polymyositis	11 ( 0.2)	0 ( 0.0)	5 ( 0.4)	2 ( 0.2)	4 ( 0.3)	0 ( 0.0)	0 ( 0.0)
pseudogout	10 ( 0.2)	4 ( 0.4)	2 ( 0.1)	3 ( 0.4)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)
dermatomyositis	8 ( 0.1)	2 ( 0.2)	2 ( 0.1)	2 ( 0.2)	1 ( 0.1)	1 ( 0.2)	0 ( 0.0)
SLE discoid	7 ( 0.1)	2 ( 0.2)	1 ( 0.1)	1 ( 0.1)	1 ( 0.1)	1 ( 0.2)	1 ( 0.5)
arthritis- infection	6 ( 0.1)	1 ( 0.1)	1 ( 0.1)	0 ( 0.0)	1 ( 0.1)	3 ( 0.5)	0 ( 0.0)
Lyme disease	1 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)
missing	15	1	5	6	2	1	0

**Table 1.12 Diagnosis - Adult Clients (age 17 & over)**

	<b>Total</b>	<b>Area A</b>	<b>Area B</b>	<b>Area C</b>	<b>Area D</b>	<b>Area E</b>	<b>Area F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
rheumatoid arthritis	1888 (35.9)	487 (45.6)	516 (41.0)	291 (35.8)	281 (21.3)	246 (40.0)	67 (36.4)
OA primary	1296 (24.6)	263 (24.6)	256 (20.3)	235 (28.9)	373 (28.2)	139 (22.6)	30 (16.3)
fibrositis/fibromyalgia	801 (15.2)	36 ( 3.4)	204 (16.2)	138 (17.0)	310 (23.5)	73 (11.9)	40 (21.7)
other diagnosis	225 ( 4.3)	60 ( 5.6)	32 ( 2.5)	32 ( 3.9)	76 ( 5.8)	13 ( 2.1)	12 ( 6.5)
psoriatic arthritis	156 ( 3.0)	43 ( 4.0)	35 ( 2.8)	27 ( 3.3)	26 ( 2.0)	17 ( 2.8)	8 ( 4.3)
ankylosing spondylitis	130 ( 2.5)	49 ( 4.6)	33 ( 2.6)	12 ( 1.5)	22 ( 1.7)	10 ( 1.6)	4 ( 2.2)
degenerative disc	123 ( 2.3)	13 ( 1.2)	19 ( 1.5)	18 ( 2.2)	58 ( 4.4)	15 ( 2.4)	0 ( 0.0)
polyarthritis	98 ( 1.9)	23 ( 2.2)	25 ( 2.0)	18 ( 2.2)	19 ( 1.4)	13 ( 2.1)	0 ( 0.0)
SLE systemic	87 ( 1.7)	17 ( 1.6)	30 ( 2.4)	8 ( 1.0)	13 ( 1.0)	17 ( 2.8)	2 ( 1.1)
unspecified arthritis	80 ( 1.5)	6 ( 0.6)	22 ( 1.7)	3 ( 0.4)	27 ( 2.0)	16 ( 2.6)	6 ( 3.3)
other nonartic. rheum	80 ( 1.5)	16 ( 1.5)	7 ( 0.6)	4 ( 0.5)	37 ( 2.8)	15 ( 2.4)	1 ( 0.5)
OA secondary	58 ( 1.1)	10 ( 0.9)	11 ( 0.9)	1 ( 0.1)	28 ( 2.1)	6 ( 1.0)	2 ( 1.1)
scleroderma	57 ( 1.1)	11 ( 1.0)	19 ( 1.5)	8 ( 1.0)	12 ( 0.9)	6 ( 1.0)	1 ( 0.5)
polymyalgia rheumat	30 ( 0.6)	6 ( 0.6)	11 ( 0.9)	3 ( 0.4)	4 ( 0.3)	5 ( 0.8)	1 ( 0.5)
JA pauci. or polyartic	27 ( 0.5)	10 ( 0.9)	3 ( 0.2)	2 ( 0.2)	6 ( 0.5)	5 ( 0.8)	1 ( 0.5)
osteoporosis	26 ( 0.5)	0 ( 0.0)	10 ( 0.8)	2 ( 0.2)	7 ( 0.5)	6 ( 1.0)	1 ( 0.5)
gout	19 ( 0.4)	2 ( 0.2)	5 ( 0.4)	1 ( 0.1)	4 ( 0.3)	5 ( 0.8)	2 ( 1.1)
mixed connective	18 ( 0.3)	2 ( 0.2)	4 ( 0.3)	2 ( 0.2)	8 ( 0.6)	1 ( 0.2)	1 ( 0.5)
arthrit.- bowel disease	15 ( 0.3)	2 ( 0.2)	5 ( 0.4)	1 ( 0.1)	3 ( 0.2)	1 ( 0.2)	3 ( 1.6)
polymyositis	10 ( 0.2)	0 ( 0.0)	5 ( 0.4)	2 ( 0.2)	3 ( 0.2)	0 ( 0.0)	0 ( 0.0)
pseudogout	10 ( 0.2)	4 ( 0.4)	2 ( 0.2)	3 ( 0.4)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)
JA systemic	7 ( 0.1)	2 ( 0.2)	2 ( 0.2)	0 ( 0.0)	0 ( 0.0)	2 ( 0.3)	1 ( 0.5)
SLE discoid	7 ( 0.1)	2 ( 0.2)	1 ( 0.1)	1 ( 0.1)	1 ( 0.1)	1 ( 0.2)	1 ( 0.5)
arthritis- infection	6 ( 0.1)	1 ( 0.1)	1 ( 0.1)	0 ( 0.0)	1 ( 0.1)	3 ( 0.5)	0 ( 0.0)
dermatomyositis	5 ( 0.1)	2 ( 0.2)	2 ( 0.2)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
Lyme disease	1 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)
missing	12	1	4	4	2	1	0



**Table 1.13 Diagnosis - Child Clients (age 16 & under)**

	<b>Total</b>	<b>Area A</b>	<b>Area B</b>	<b>Area C</b>	<b>Area D</b>	<b>Area E</b>	<b>Area F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
JA pauciarticular	54 (29.5)	1 ( 7.1)	25 (31.3)	15 (36.6)	8 (27.6)	3 (17.6)	2 (100.0)
JA polyartic. or RA	51 (27.9)	4 (28.6)	19 (23.8)	11 (26.8)	10 (34.5)	7 (41.2)	0 ( 0.0)
other diagnosis	19 (10.4)	2 (14.3)	11 (13.8)	5 (12.2)	1 ( 3.4)	0 ( 0.0)	0 ( 0.0)
JA systemic	10 ( 5.5)	0 ( 0.0)	5 ( 6.3)	2 ( 4.9)	3 (10.3)	0 ( 0.0)	0 ( 0.0)
ankylosing spondylitis	9 ( 4.9)	3 (21.4)	3 ( 3.8)	1 ( 2.4)	1 ( 3.4)	1 ( 5.9)	0 ( 0.0)
fibrositis/fibromyalgia	8 ( 4.4)	1 ( 7.1)	3 ( 3.8)	1 ( 2.4)	1 ( 3.4)	2 (11.8)	0 ( 0.0)
polyarthritis	6 ( 3.3)	1 ( 7.1)	1 ( 1.3)	1 ( 2.4)	2 ( 6.9)	1 ( 5.9)	0 ( 0.0)
unspecified arthritis	6 ( 3.3)	0 ( 0.0)	4 ( 5.0)	1 ( 2.4)	1 ( 3.4)	0 ( 0.0)	0 ( 0.0)
other nonartic. rheum	4 ( 2.2)	0 ( 0.0)	3 ( 3.8)	0 ( 0.0)	0 ( 0.0)	1 ( 5.9)	0 ( 0.0)
psoriatic arthritis	3 ( 1.6)	0 ( 0.0)	2 ( 2.5)	0 ( 0.0)	0 ( 0.0)	1 ( 5.9)	0 ( 0.0)
dermatomyositis	3 ( 1.6)	0 ( 0.0)	0 ( 0.0)	1 ( 2.4)	1 ( 3.4)	1 ( 5.9)	0 ( 0.0)
OA primary	2 ( 1.1)	1 ( 7.1)	1 ( 1.3)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
scleroderma	2 ( 1.1)	0 ( 0.0)	1 ( 1.3)	1 ( 2.4)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
SLE systemic	2 ( 1.1)	0 ( 0.0)	2 ( 2.5)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
mixed connective	2 ( 1.1)	0 ( 0.0)	0 ( 0.0)	2 ( 4.9)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
arthritis- bowel disease	1 ( 0.5)	1 ( 7.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
polymyositis	1 ( 0.5)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.4)	0 ( 0.0)	0 ( 0.0)
missing	3	0	1	2	0	0	0

**Table 1.14 Disease Duration (groups)**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
< 1 year	627 (11.6)	120 (11.2)	135 (10.1)	84 ( 9.8)	204 (15.3)	68 (10.8)	16 ( 8.6)
1 year	631 (11.7)	155 (14.4)	155 (11.6)	119 (13.9)	131 ( 9.8)	52 ( 8.2)	19 (10.2)
2 - 5 yrs	1543 (28.5)	285 (26.5)	372 (27.9)	218 (25.4)	399 (30.0)	218 (34.5)	51 (27.4)
6 -10 yrs	1063 (19.6)	193 (18.0)	287 (21.5)	166 (19.4)	272 (20.4)	111 (17.6)	34 (18.3)
> 10 yrs	1550 (28.6)	321 (29.9)	384 (28.8)	270 (31.5)	326 (24.5)	183 (29.0)	66 (35.5)
missing	44	8	12	3	20	1	0

**Table 1.15 Disease Duration (years)**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
mean	8.99	9.21	9.28	9.78	8.09	8.57	9.96
range	.02 - 72	.08 - 60	.08 - 72	.08 - 58	.02 - 66	.06 - 50	.25 - 48
missing	44	8	12	3	20	1	0

**Table 1.16 Joint Replacement**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
no	5382 (98.6)	1057 (97.7)	1328 (98.7)	847 (98.5)	1338 (99.0)	632 (99.8)	180 (96.8)
yes	76 ( 1.4)	25 ( 2.3)	17 ( 1.3)	13 ( 1.5)	14 ( 1.0)	1 ( 0.2)	6 ( 3.2)

**Table 1.17 Type of Joint Replacement**

	<b>TOTAL</b>
	<b>n</b>
hip	46
knee	23
shoulder	0
elbow	0
hand/wrist	0
other joint	12

**Table 1.18 Number of Concurrent Conditions**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
no other condition	3076 (56.4)	653 (60.4)	643 (47.8)	526 (61.2)	782 (57.8)	387 (61.1)	85 (45.7)
at least 1 other	2382 (43.6)	429 (39.6)	702 (52.2)	334 (38.8)	570 (42.2)	246 (38.9)	101 (54.3)
2 or more	850 (15.6)	152 (14.0)	240 (17.8)	131 (15.2)	204 (15.1)	88 (13.9)	35 (18.8)
3 or more	270 ( 4.9)	36 ( 3.3)	93 ( 6.9)	41 ( 4.8)	64 ( 4.7)	24 ( 3.8)	12 ( 6.5)

**Table 1.19 Types of Concurrent Conditions**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
no other condition	3076 (56.4)	653 (60.4)	643 (47.8)	526 (61.2)	782 (57.8)	387 (61.1)	85 (45.7)
other arth/rheu	567 (10.4)	83 (7.7)	158 (11.7)	63 (7.3)	191 (14.1)	44 (7.0)	28 (15.1)
stroke/circ/vasc.	529 (9.7)	104 (9.6)	127 (9.4)	67 (7.8)	136 (10.1)	79 (12.5)	16 (8.6)
metabol/endo/nutr	436 (8.0)	83 (7.7)	135 (10.0)	49 (5.7)	100 (7.4)	48 (7.6)	21 (11.3)
heart	364 (6.7)	72 (6.7)	91 (6.8)	69 (8.0)	71 (5.3)	48 (7.6)	13 (7.0)
respirat.	261 (4.8)	48 (4.4)	83 (6.2)	40 (4.7)	47 (3.5)	35 (5.5)	8 (4.3)
other condition	234 (4.3)	37 (3.4)	81 (6.0)	51 (5.9)	44 (3.3)	14 (2.2)	7 (3.8)
digestive	220 (4.0)	36 (3.3)	67 (5.0)	49 (5.7)	32 (2.4)	21 (3.3)	15 (8.1)
back/neck	129 (2.4)	13 (1.2)	40 (3.0)	16 (1.9)	49 (3.6)	4 (0.6)	7 (3.8)
skin/allergies	115 (2.1)	30 (2.8)	35 (2.6)	12 (1.4)	25 (1.8)	9 (1.4)	4 (2.2)
nervous system	106 (1.9)	16 (1.5)	33 (2.5)	18 (2.1)	24 (1.8)	12 (1.9)	3 (1.6)
sensory	95 (1.7)	22 (2.0)	31 (2.3)	14 (1.6)	18 (1.3)	7 (1.1)	3 (1.6)
other MSD	80 (1.5)	15 (1.4)	29 (2.2)	6 (0.7)	21 (1.6)	4 (0.6)	5 (2.7)
urinary/kidney	72 (1.3)	11 (1.0)	29 (2.2)	7 (0.8)	17 (1.3)	7 (1.1)	1 (0.5)
neo-plasms	68 (1.2)	15 (1.4)	25 (1.9)	8 (0.9)	6 (0.4)	11 (1.7)	3 (1.6)
injury/trauma	6 (0.1)	1 (0.1)	0 (0.0)	1 (0.1)	4 (0.3)	0 (0.0)	0 (0.0)

**Table 2.1 Service Type**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
PT	3920 (61.9)	974 (80.2)	920 (53.6)	559 (53.5)	1013 (68.4)	308 (45.4)	146 (73.7)
OT	1259 (19.9)	157 (12.9)	472 (27.5)	212 (20.3)	115 ( 7.8)	303 (44.6)	0 ( 0.0)
social work	373 ( 5.9)	56 ( 4.6)	185 (10.8)	74 ( 7.1)	58 ( 3.9)	0 ( 0.0)	0 ( 0.0)
hydro groups	296 ( 4.7)	14 ( 1.2)	0 ( 0.0)	97 ( 9.3)	111 ( 7.5)	54 ( 8.0)	20 (10.1)
other groups	488 ( 7.7)	14 ( 1.2)	141 ( 8.2)	103 ( 9.9)	184 (12.4)	14 ( 2.1)	32 (16.2)

**Table 2.2 Group Type**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
disease specific	319 (40.7)	6 (21.4)	18 (12.8)	88 (44.0)	173 (58.6)	8 (11.8)	26 (50.0)
hydro	296 (37.8)	14 (50.0)	0 ( 0.0)	97 (48.5)	111 (37.6)	54 (79.4)	20 (38.5)
support	110 (14.0)	5 (17.9)	94 (66.7)	0 ( 0.0)	11 ( 3.7)	0 ( 0.0)	0 ( 0.0)
educat.	30 ( 3.8)	3 (10.7)	0 ( 0.0)	15 ( 7.5)	0 ( 0.0)	6 ( 8.8)	6 (11.5)
relaxat.	29 ( 3.7)	0 ( 0.0)	29 (20.6)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)

**Table 2.3 Referral Source**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
regular	4850 (76.8)	923 (76.2)	1270 (74.1)	880 (84.8)	1375 (93.2)	317 (46.7)	85 (42.9)
self	480 ( 7.6)	61 ( 5.0)	91 ( 5.3)	54 ( 5.2)	54 ( 3.7)	179 (26.4)	41 (20.7)
Home care	405 ( 6.4)	132 (10.9)	145 ( 8.5)	21 ( 2.0)	25 ( 1.7)	77 (11.3)	5 ( 2.5)
internal	341 ( 5.4)	60 ( 5.0)	192 (11.2)	76 ( 7.3)	13 ( 0.9)	0 ( 0.0)	0 ( 0.0)
clinic	238 ( 3.8)	35 ( 2.9)	15 ( 0.9)	7 ( 0.7)	8 ( 0.5)	106 (15.6)	67 (33.8)
missing	22	4	5	7	6	0	0

**Table 2.4 Internal Referral Source**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
PT	206 (60.4)	53 (88.3)	97 (50.5)	48 (63.2)	8 (61.5)	NA	NA
OT	110 (32.3)	6 (10.0)	85 (44.3)	18 (23.7)	1 ( 7.7)	NA	NA
social work	25 ( 7.3)	1 ( 1.7)	10 ( 5.2)	10 (13.2)	4 (30.8)	NA	NA

**Table 2.5 Referring Physician Type\***

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
rheumat.	3347 (65.9)	717 (74.8)	960 (74.8)	621 (70.2)	742 (53.7)	199 (47.3)	108 (71.1)
GP	1521(29.9)	221 (23.1)	270 (21.0)	245 (27.7)	596 (43.1)	148 (35.2)	41 (27.0)
internist	52 ( 1.0)	1 ( 0.1)	4 ( 0.3)	0 ( 0.0)	11 ( 0.8)	36 ( 8.6)	0 ( 0.0)
orthoped.	27 ( 0.5)	10 ( 1.0)	5 ( 0.4)	3 ( 0.3)	6 ( 0.4)	3 ( 0.7)	0 ( 0.0)
other specialist	135 ( 2.7)	9 ( 0.9)	44 ( 3.4)	16 ( 1.8)	28 ( 2.0)	35 ( 8.3)	3 ( 2.0)
missing	6	0	2	2	0	2	0

\* data only for cases with 'regular' or 'clinic' referral source (n=5088)

**Table 2.6 Diagnosis - All Referrals**

	<b>Total</b>	<b>Area A</b>	<b>Area B</b>	<b>Area C</b>	<b>Area D</b>	<b>Area E</b>	<b>Area F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
rheumatoid arthritis	2264 (35.8)	573 (47.2)	665 (38.8)	372 (35.8)	314 (21.2)	266 (39.2)	74 (37.4)
OA primary	1436 (22.7)	282 (23.2)	296 (17.3)	276 (26.6)	408 (27.6)	143 (21.1)	31 (15.7)
fibrositis/fibromyalgia	991 (15.7)	42 ( 3.5)	313 (18.3)	162 (15.6)	340 (23.0)	90 (13.3)	44 (22.2)
other diagnosis	279 ( 4.4)	70 ( 5.8)	56 ( 3.3)	44 ( 4.2)	83 ( 5.6)	14 ( 2.1)	12 ( 6.1)
psoriatic arthritis	180 ( 2.8)	46 ( 3.8)	48 ( 2.8)	32 ( 3.1)	27 ( 1.8)	19 ( 2.8)	8 ( 4.0)
ankylosing spondylitis	153 ( 2.4)	53 ( 4.4)	46 ( 2.7)	15 ( 1.4)	24 ( 1.6)	11 ( 1.6)	4 ( 2.0)
degenerative disc	132 ( 2.1)	14 ( 1.2)	20 ( 1.2)	19 ( 1.8)	63 ( 4.3)	16 ( 2.4)	0 ( 0.0)
polyarthritis	118 ( 1.9)	25 ( 2.1)	28 ( 1.6)	27 ( 2.6)	24 ( 1.6)	14 ( 2.1)	0 ( 0.0)
SLE systemic	116 ( 1.8)	20 ( 1.6)	50 ( 2.9)	12 ( 1.2)	15 ( 1.0)	17 ( 2.5)	2 ( 1.0)
unspecified arthritis	95 ( 1.5)	6 ( 0.5)	32 ( 1.9)	5 ( 0.5)	29 ( 2.0)	17 ( 2.5)	6 ( 3.0)
other nonartic. rheum	88 ( 1.4)	16 ( 1.3)	10 ( 0.6)	4 ( 0.4)	40 ( 2.7)	17 ( 2.5)	1 ( 0.5)
JA polyarticular	75 ( 1.2)	7 ( 0.6)	26 ( 1.5)	13 ( 1.3)	18 ( 1.2)	10 ( 1.5)	1 ( 0.5)
scleroderma	73 ( 1.2)	14 ( 1.2)	27 ( 1.6)	11 ( 1.1)	13 ( 0.9)	7 ( 1.0)	1 ( 0.5)
JA pauciarticular	69 ( 1.1)	7 ( 0.6)	27 ( 1.6)	18 ( 1.7)	10 ( 0.7)	5 ( 0.7)	2 ( 1.0)
OA secondary	59 ( 0.9)	10 ( 0.8)	11 ( 0.6)	1 ( 0.1)	29 ( 2.0)	6 ( 0.9)	2 ( 1.0)
polymyalgia rheumat.	31 ( 0.5)	6 ( 0.5)	11 ( 0.6)	4 ( 0.4)	4 ( 0.3)	5 ( 0.7)	1 ( 0.5)
osteoporosis	28 ( 0.4)	0 ( 0.0)	10 ( 0.6)	2 ( 0.2)	8 ( 0.5)	7 ( 1.0)	1 ( 0.5)
mixed connective	24 ( 0.4)	2 ( 0.2)	5 ( 0.3)	7 ( 0.7)	8 ( 0.5)	1 ( 0.1)	1 ( 0.5)
JA systemic	21 ( 0.3)	3 ( 0.2)	7 ( 0.4)	3 ( 0.3)	5 ( 0.3)	2 ( 0.3)	1 ( 0.5)
gout	19 ( 0.3)	2 ( 0.2)	5 ( 0.3)	1 ( 0.1)	4 ( 0.3)	5 ( 0.7)	2 ( 1.0)
arthrit.- bowel disease	18 ( 0.3)	5 ( 0.4)	5 ( 0.3)	1 ( 0.1)	3 ( 0.2)	1 ( 0.1)	3 ( 1.5)
polymyositis	16 ( 0.3)	1 ( 0.1)	8 ( 0.5)	3 ( 0.3)	4 ( 0.3)	0 ( 0.0)	0 ( 0.0)
pseudogout	10 ( 0.2)	4 ( 0.3)	2 ( 0.1)	3 ( 0.3)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)
dermatomyositis	10 ( 0.2)	3 ( 0.2)	3 ( 0.2)	2 ( 0.2)	1 ( 0.1)	1 ( 0.1)	0 ( 0.0)
SLE discoid	7 ( 0.1)	2 ( 0.2)	1 ( 0.1)	1 ( 0.1)	1 ( 0.1)	1 ( 0.1)	1 ( 0.5)
arthritis- infection	6 ( 0.1)	1 ( 0.1)	1 ( 0.1)	0 ( 0.0)	1 ( 0.1)	3 ( 0.4)	0 ( 0.0)
Lyme disease	2 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.1)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)
missing	16	1	5	6	3	1	0



**Table 2.7 Diagnosis - Referrals for Adult Clients (age 17 & over)**

	<b>Total</b>	<b>Area A</b>	<b>Area B</b>	<b>Area C</b>	<b>Area D</b>	<b>Area E</b>	<b>Area F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
rheumatoid arthritis	2261 (37.0)	572 (47.7)	665 (40.9)	371 (37.4)	313 (21.7)	266 (40.4)	74 (37.8)
OA primary	1434 (23.5)	281 (23.5)	295 (18.2)	276 (27.9)	408 (28.3)	143 (21.7)	31 (15.8)
fibrositis/fibromyalgia	981 (16.0)	41 ( 3.4)	310 (19.1)	161 (16.2)	339 (23.5)	86 (13.1)	44 (22.4)
other diagnosis	257 ( 4.2)	67 ( 5.6)	44 ( 2.7)	38 ( 3.8)	82 ( 5.7)	14 ( 2.1)	12 ( 6.1)
psoriatic arthritis	177 ( 2.9)	46 ( 3.8)	46 ( 2.8)	32 ( 3.2)	27 ( 1.9)	18 ( 2.7)	8 ( 4.1)
ankylosing spondylitis	144 ( 2.4)	50 ( 4.2)	43 ( 2.6)	14 ( 1.4)	23 ( 1.6)	10 ( 1.5)	4 ( 2.0)
degenerative disc	132 ( 2.2)	14 ( 1.2)	20 ( 1.2)	19 ( 1.9)	63 ( 4.4)	16 ( 2.4)	0 ( 0.0)
SLE systemic	113 ( 1.8)	20 ( 1.7)	47 ( 2.9)	12 ( 1.2)	15 ( 1.0)	17 ( 2.6)	2 ( 1.0)
polyarthritis	111 ( 1.8)	24 ( 2.0)	27 ( 1.7)	25 ( 2.5)	22 ( 1.5)	13 ( 2.0)	0 ( 0.0)
unspecified arthritis	89 ( 1.5)	6 ( 0.5)	28 ( 1.7)	4 ( 0.4)	28 ( 1.9)	17 ( 2.6)	6 ( 3.1)
other nonartic. rheum	84 ( 1.4)	16 ( 1.3)	7 ( 0.4)	4 ( 0.4)	40 ( 2.8)	16 ( 2.4)	1 ( 0.5)
scleroderma	71 ( 1.2)	14 ( 1.2)	26 ( 1.6)	10 ( 1.0)	13 ( 0.9)	7 ( 1.1)	1 ( 0.5)
OA secondary	59 ( 1.0)	10 ( 0.8)	11 ( 0.7)	1 ( 0.1)	29 ( 2.0)	6 ( 0.9)	2 ( 1.0)
polymyalgia rheumat.	31 ( 0.5)	6 ( 0.5)	11 ( 0.7)	4 ( 0.4)	4 ( 0.3)	5 ( 0.8)	1 ( 0.5)
JA pauci or polyartic.	29 ( 0.5)	10 ( 0.8)	3 ( 0.2)	2 ( 0.2)	8 ( 0.6)	5 ( 0.8)	1 ( 0.5)
osteoporosis	28 ( 0.5)	0 ( 0.0)	10 ( 0.6)	2 ( 0.2)	8 ( 0.6)	7 ( 1.1)	1 ( 0.5)
mixed connective	22 ( 0.4)	2 ( 0.2)	5 ( 0.3)	5 ( 0.5)	8 ( 0.6)	1 ( 0.2)	1 ( 0.5)
gout	19 ( 0.3)	2 ( 0.2)	5 ( 0.3)	1 ( 0.1)	4 ( 0.3)	5 ( 0.8)	2 ( 1.0)
arthrit.- bowel disease	16 ( 0.3)	3 ( 0.3)	5 ( 0.3)	1 ( 0.1)	3 ( 0.2)	1 ( 0.2)	3 ( 1.5)
polymyositis	15 ( 0.2)	1 ( 0.1)	8 ( 0.5)	3 ( 0.3)	3 ( 0.2)	0 ( 0.0)	0 ( 0.0)
pseudogout	10 ( 0.2)	4 ( 0.3)	2 ( 0.1)	3 ( 0.3)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)
JA systemic	8 ( 0.1)	3 ( 0.3)	2 ( 0.1)	0 ( 0.0)	0 ( 0.0)	2 ( 0.3)	1 ( 0.5)
SLE discoid	7 ( 0.1)	2 ( 0.2)	1 ( 0.1)	1 ( 0.1)	1 ( 0.1)	1 ( 0.2)	1 ( 0.5)
dermatomyositis	7 ( 0.1)	3 ( 0.3)	3 ( 0.2)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
arthritis- infection	6 ( 0.1)	1 ( 0.1)	1 ( 0.1)	0 ( 0.0)	1 ( 0.1)	3 ( 0.5)	0 ( 0.0)
Lyme disease	2 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.1)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)
missing	13	1	4	4	3	1	0

**Table 2.8 Diagnosis - Referrals for Child Clients (age 16 & under)**

	<b>Total</b>	<b>Area A</b>	<b>Area B</b>	<b>Area C</b>	<b>Area D</b>	<b>Area E</b>	<b>Area F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
JA pauciarticular	60 (29.0)	1 ( 6.3)	27 (30.7)	17 (35.4)	10 (29.4)	3 (15.8)	2 (100.0)
JA polyartic. or RA	58 (28.0)	4 (25.0)	23 (26.1)	13 (27.1)	11 (32.4)	7 (36.8)	0 ( 0.0)
other diagnosis	22 (10.6)	3 (18.8)	12 (13.6)	6 (12.5)	1 ( 2.9)	0 ( 0.0)	0 ( 0.0)
JA systemic	13 ( 6.3)	0 ( 0.0)	5 ( 5.7)	3 ( 6.3)	5 (14.7)	0 ( 0.0)	0 ( 0.0)
fibrositis/fibromyalgia	10 ( 4.8)	1 ( 6.3)	3 ( 3.4)	1 ( 2.1)	1 ( 2.9)	4 (21.1)	0 ( 0.0)
ankylosing spondylitis	9 ( 4.3)	3 (18.8)	3 ( 3.4)	1 ( 2.1)	1 ( 2.9)	1 ( 5.3)	0 ( 0.0)
polyarthritis	7 ( 3.4)	1 ( 6.3)	1 ( 1.1)	2 (4.2)	2 ( 5.9)	1 ( 5.3)	0 ( 0.0)
unspecified arthritis	6 ( 2.9)	0 ( 0.0)	4 ( 4.5)	1 ( 2.1)	1 ( 2.9)	0 ( 0.0)	0 ( 0.0)
other nonartic. rheum	4 ( 1.9)	0 ( 0.0)	3 ( 3.4)	0 ( 0.0)	0 ( 0.0)	1 ( 5.3)	0 ( 0.0)
psoriatic arthritis	3 ( 1.4)	0 ( 0.0)	2 ( 2.3)	0 ( 0.0)	0 ( 0.0)	1 ( 5.3)	0 ( 0.0)
dermatomyositis	3 ( 1.4)	0 ( 0.0)	0 ( 0.0)	1 ( 2.1)	1 ( 2.9)	1 ( 5.3)	0 ( 0.0)
SLE systemic	3 ( 1.4)	0 ( 0.0)	3 ( 3.4)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
OA primary	2 ( 1.0)	1 ( 6.3)	1 ( 1.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
scleroderma	2 ( 1.0)	0 ( 0.0)	1 ( 1.1)	1 ( 2.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
mixed connective	2 ( 1.0)	0 ( 0.0)	0 ( 0.0)	2 ( 4.2)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
arthrit.- bowel disease	2 ( 1.0)	2 (12.5)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
polymyositis	1 ( 0.5)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.9)	0 ( 0.0)	0 ( 0.0)
missing	3	0	1	2	0	0	0

**Table 2.9 Disease Duration (groups)**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>
< 1 year	692 (11.0)	127 (10.5)	160 (9.4)	101 (9.7)	214 (14.7)	72 (10.6)	18 (9.1)
1 year	752 (12.0)	176 (14.6)	207 (12.1)	141 (13.5)	151 (10.3)	55 (8.1)	22 (11.1)
2-5 years	1814 (28.8)	312 (25.8)	495 (29.0)	267 (25.6)	439 (30.1)	246 (36.3)	55 (27.8)
6-10 years	1255 (19.9)	225 (18.6)	366 (21.5)	212 (20.3)	299 (20.5)	119 (17.6)	34 (17.2)
> 10 years	1778 (28.3)	367 (30.4)	478 (28.0)	321 (30.8)	357 (24.5)	186 (27.4)	69 (34.8)
missing	45	8	12	3	21	1	0

**Table 2.10 Disease Duration (years)**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
mean	8.95	9.39	9.03	9.77	8.07	8.33	9.72
range	.02 - 72	.08 - 60	.08 - 72	.08 - 58	.02 - 66	.06 - 50	.25 - 48
missing	45	8	12	3	21	1	0

**Table 2.11 Wait Time (weeks) - All Referrals**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
mean	4.96	3.64	6.13	6.85	4.86	1.52	5.43
range	0.0 - 78.1	0.0 - 78.1	0.0 - 67.1	0.0 - 66.6	0.0 - 56.9	0.0 - 54.1	0.0 - 52.3
missing	66	28	19	11	7	1	0

**Table 2.12 Wait Time (weeks) - Regular, Homecare or Clinic Referrals**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
mean	5.12	3.70	6.20	7.11	4.97	1.65	6.18
range	0.0 - 78.1	0.0 - 78.1	0.0 - 67.1	0.0 - 66.6	0.0 - 56.9	0.0 - 54.1	0.0 - 52.3
missing	52	23	13	9	7	0	0

**Table 2.13 Wait Time (weeks) - Self Referrals**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
mean	2.14	2.61	2.60	3.67	2.29	1.18	2.53
range	0.0 - 50.4	0.0 - 50.4	0.0 - 26.4	0.0 - 22.3	0.0 - 13.1	0.0 - 10.4	0.0 - 14.1
missing	9	1	6	1	0	1	0

**Table 2.14 Wait Time (weeks) - Internal Referrals**

	<b>TOTAL</b>	<b>AREA A</b>	<b>AREA B</b>	<b>AREA C</b>	<b>AREA D</b>	<b>AREA E</b>	<b>AREA F</b>
mean	6.14	3.77	7.08	5.99	3.82	NA	NA
range	0.0 - 59.1	0.0 - 13.7	0.1 - 59.1	0.3 - 29.7	0.0 - 20.3	NA	NA
missing	2	1	0	1	0		

**Table 2.15 Total Attendance\***

	TOTAL	AREA A	AREA B	AREA C	AREA D	AREA E	AREA F
mean	4.05	4.99	3.83	4.20	3.93	3.26	3.16
range	1 - 77	1 - 46	1 - 32	1 - 77	1 - 33	1 - 43	1 - 18

\* data not available for 99 referrals (cases not closed at time of analysis or information missing)

**Table 2.16 Total Attendance - Rheumatoid Arthritis Referrals**

	TOTAL	AREA A	AREA B	AREA C	AREA D	AREA E	AREA F
mean	4.86	5.96	4.57	4.49	4.97	3.94	3.53
range	1 - 50	1 - 46	1 - 32	1 - 50	1 - 33	1 - 32	1 - 11

**Table 2.17 Total Attendance - Osteoarthritis (primary & secondary) Referrals**

	TOTAL	AREA A	AREA B	AREA C	AREA D	AREA E	AREA F
mean	3.16	3.45	2.73	3.75	2.97	2.70	4.16
range	1 - 45	1 - 31	1 - 11	1 - 45	1 - 16	1 - 15	1 - 18

**Table 2.18 Total Attendance - Fibrositis/Fibromyalgia Referrals**

	TOTAL	AREA A	AREA B	AREA C	AREA D	AREA E	AREA F
mean	3.89	5.31	3.50	4.22	4.36	3.11	2.07
range	1 - 43	1 - 36	1 - 20	1 - 32	1 - 23	1 - 43	1 - 5

**Table 2.19 Homecare Service\***

	TOTAL n (%)	AREA A n (%)	AREA B n (%)	AREA C n (%)	AREA D n (%)	AREA E n (%)	AREA F n (%)
yes	400 ( 6.4)	173 (14.5)	153 ( 8.9)	1 ( 0.1)	13 ( 0.9)	61 ( 9.0)	0 ( 0.0)
no	5837 (93.6)	1019 (85.5)	1548 (91.1)	1019 (99.9)	1455 (99.1)	618 (91.0)	178 (100.0)

**Table 2.20 Homecare Attendance\***

	TOTAL	AREA A	AREA B	AREA C	AREA D	AREA E	AREA F
mean	5.93	7.23	5.51	NA	6.31	3.30	NA
range	1 - 46	1 - 46	1 - 21	NA	1 - 19	1 - 20	NA

APPENDIX A

Ontario Division

CONSULTATION AND THERAPY SERVICE

BY REGION



- A Eastern
- B Central East
- C Central West
- D South West
- E North East
- F North West

APPENDIX B

CASE DATA

Serial No.	R
Service Area	
Group I.D.	

Service 

PT	GROUP	SW	OT
----	-------	----	----

Client Name \_\_\_\_\_ Health Card # \_\_\_\_\_

Address \_\_\_\_\_  
Street City Postal Code

Date of Birth 

Day	Month	Year

 Age \_\_\_\_\_ home \_\_\_\_\_ bus. \_\_\_\_\_

Gender 

M	F
---	---

 If under 18 years of age: parent or guardian \_\_\_\_\_

Marital Status 

M	W	Sep	D	CL	NM
---	---	-----	---	----	----

 Seen before by CTS? 

Y	N
---	---

Primary Diagnosis (see ICD codes) 

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 Confirmed  Suspected  If Other (specify) \_\_\_\_\_

Disease Duration(yrs) \_\_\_\_\_

Referring Physician \_\_\_\_\_ 

RHEUM	GP	INT	ORTH	OTHER
-------	----	-----	------	-------

Address \_\_\_\_\_  
Street City Postal Code

Referral Source 

Reg	HC	Clinic	Self
-----	----	--------	------

PT	OT	SW
----	----	----

  
Inter-Office

Consultant/Family Physician \_\_\_\_\_

Address \_\_\_\_\_  
Street City Postal Code

Date of Referral 

Day	Month	Year

 Date of Opening 

Day	Month	Year

Employment Status:  Employed Fulltime  Part-time  Self-employed

Occupation \_\_\_\_\_

If not working for pay (check one or more):  Homemaker  Student  Retired/Voluntarily Not Working  
 Unemployed and Looking for Work  Volunteer Work  Maternity Leave  Temporarily Laid Off  
 Sick Leave  LTD  STD  Other (specify) \_\_\_\_\_

Highest Level of Education Achieved:  Elementary (or less)  Some High School  High School Graduate  
 Some College  Some University  College Graduate  University Graduate  Post-Graduate Degree

Total # Years \_\_\_\_\_

Primary Language:  English  French  Other (specify) \_\_\_\_\_

Concurrent Disorders/Precautions \_\_\_\_\_

Household Size: Spouse 

Y	N
---	---

 Children(##) \_\_\_\_\_ Other Relative(##) \_\_\_\_\_ Non-Relative(##) \_\_\_\_\_ Total(## incl. client) \_\_\_\_\_

Therapist's Signature

COMPLETE BELOW THIS LINE ON CLOSURE

Date of Last Visit 

Day	Month	Year

Home Care 

Y	N
---	---

Total Attendances 

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Date of Closure 

Day	Month	Year

Total HC Att. 

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No Shows 

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## APPENDIX C

### CLASSIFICATION OF CONCURRENT CONDITIONS

#### 1: OTHER ARTHRITIS AND RHEUMATISM

Acromioplasty	Kyphosis
Amyloidosis	Lyme Disease
Ankylosing Spondylitis	Metatarsalgia
Erysipelas Infection	Myofascial Pain Syndrome
Arthritis - Unspecified	Osgoode Slatter
Arthropathies	Osteoarthritis
Atlanto-Axial Subluxation	Osteochondritis Osteoporosis
Baker's Cyst	Patellofemoral Disease
Bursitis	Plantar Fasciitis
Charcot	Polymyalgia Rheumatica
Chondrocalcinosis	Polymyositis
Chondromalacia	Pseudogout
Crohn's Disease	Psoriatic Arthritis
Congenital Hip Dislocation	Raynaud's Disease
Connective Tissue Disease	Rheumatism
Crest	Rheumatoid Arthritis
Degenerative Disc Disease	Reiter's Syndrome
Dermatomyositis	Scleroderma
Discoid Lupus (SLE)	Sjogren's Syndrome
Dislocated Patella	Spurs
Enthesis	Subluxation cervical spine
Feltys Syndrome	Systemic Lupus
Fibromyalgia	Temporal Arthritis
Fibrositis	Tendinitis/Tendonitis
FMS	Tenosynovitis
Frozen Shoulder	Torn Knee Cartilage
Generalized Other Arthritis	Tuberculosis (joint)
Gout	Tuberculosis Spondylitis
Hand Reconstruction	Vasculitis
JA	Wegener's Granulomatosis
JRA	



## **2: BACK & NECK DISORDERS INCLUDING TRAUMA**

Arachnoiditis	Neck Disorders
C 1-2 Instability	Rye Neck
CDDD	Sciatica
Compression # Back	Scoliosis
Compression Fractures	Spastic Torticollis
Discs - damaged/removed	Spinal cord decompression
D.I.S.H. Disease	Spinal cord injury
Dorsopathies	Spinal Stenosis
Foraminectomy	Spondylolisthesis
Friedrichs Ataxia	Stenosis L5
Fusion (Back and Spine)	Trauma - Back
Laminectomy	Whiplash
Motor Vehicle Accident (MVA)	

## **3: OTHER MSD INCLUDING TRAUMA (Excluding #1 and #2)**

Calcium on Shoulder	Osteomyelitis
Chondropathies	Osteopathies
Dislocated Shoulder	Osteosclerosis
Fusion(wrist & ankle joints)	Patellectomy
Hip Pin Plate	Rotator Cuff
Iliotibial Band Syndrome	Tennis Elbow
Musculoskeletal Deformities	Trauma - excluding back

## **4: HEART**

Acute Rheumatic Fever	Congestive Heart Failure
Angina	Coronary Artery Disease
Angioderma	Ischaemic Heart Disease
Aorta Repair	Mitral Valve Prolapse
Aortic Valve Replacement	Myocardial Infarction
Atrial Fibrillation	Pacemaker
Arrhythmia	Palpitation
Bypass Surgery	Pulmonary Circulation
Cardiac Embolism	Rheumatic Heart Disease
Cardiac Murmurs	Tachycardia
Cardio Myopathy	Transient Ischemic Attack

## 5: STROKE, CIRCULATORY, VASCULAR

Acquired Factor 8 Deficiency

Anemia

Aneurysm

Arteries, Diseases

Arteriosclerotic heart disease/arteriosclerosis

Blood Disease

Capillaries Diseases

Cerebral Vascular Accident/Stroke

Cerebrovascular Disease

Cholesterol

Hemiplegia

High Blood Pressure

Hypermobility

Hypertension

Intermittent Claudication

Lymphatic Disease

Mitral Stenosis

Necrosis

Peripheral Vascular Disease

Phlebitis

Syncope

Thrombocytopenia

Vasculitis

Veins, Diseases

Vertebral Artery Compromise

## 6: RESPIRATORY

Asthma

Bronchitis

Bronchiectasis

Congestive obstructive pulmonary disease

Emphysema

Histoplasmosis

Pleurisy

Pneumonia

Pseudomonas

Pulmonary Edema

Pulmonary Fibrosis

Respiratory Failure

Shortness of Breath

Silicosis

## 7: NEOPLASMS/CARCINOMA

Cancer

Hodgkins Disease

Lumpectomy

Leukemia

Lipoma

Mastectomy

Melanoma

Meningioma

Myeloma

Wharton's Tumor

## **8: DIGESTIVE**

Anorexia Nervosa  
Bowel Disease  
Bowel Surgery  
Bowel Syndrome  
Celiac Disease  
Colitis  
Colostomy  
Diverticulitis  
Esophagus Reflex Disorder  
Gastrectomy

GI Bleed  
Hiatus Hernia  
Intestinal Infection  
Irritable Bowel Syndrome  
Obesity  
Pancreatitis  
Pyloric Stenosis  
Spastic Bowel Syndrome  
Ulcerative Colitis  
Underweight

## **9: GENITO/URINARY & KIDNEY**

Bladder  
Cirrhosis  
Cystitis  
Cystocele  
Genitourinary System, disease  
Hepatitis  
Hysterectomy

Nephritis  
Nephrotic Syndrome  
Ovarian Cysts  
Prolapsed Uterus  
Pyelonephrosis  
Renal Failure  
Urinary - Problems/diseases

## **10: INJURIES & TRAUMA (excluding #2 and #3)**

## **11: METABOLIC, NUTRITIONAL & ENDOCRINE**

Abnormal Glucose Test  
Diabetes  
Dwarfism  
Goiter

Hypoglycemia  
Hypothyroid  
Paget's Disease  
Thyroid Disease

## 12: NERVOUS SYSTEM

Ataxia  
Balance Disturbance  
Coordination Problems  
Foot Drop  
Guillain Barre Syndrome  
Intercostal Neuralgia  
Multiple Sclerosis  
Myopathy  
Nervous System, diseases  
Neuralgia  
Neurological Condition  
Neuropathy  
Neuro Surgery

Parkinson's Disease  
Paralysis  
Parathesia  
Paraplegia from Polio  
Peripheral Neuropathy  
Plexopathy  
Poliomyelitis  
Post Polio  
Sclerosis  
Seizures  
Shingles  
Thoracic Outlet Syndrome  
TIC Douloureaux

## 13: SENSORY

Adnexa Oculi  
Blind  
Corneal Perforation  
Deaf  
Dry Eyes  
Ear Problem  
Glaucoma

Iritis  
Meniere's Disease  
Retinitis  
Retinoid Pigmentosa  
Tunnel Vision  
Uveitis  
Vertigo

## 14: SKIN ALLERGIES

Allergies  
Alopecia  
Eczema  
Foot Ulcers  
Hay Fever

Psoriasis  
Rosarea  
Skin Disease  
Skin Lesions

## 15: OTHER TYPES OF DISORDERS

Alzheimer's Disease  
Amputee/Amputation  
Anxiety Disorders  
Bipolar Disorders  
Cellulitis  
Cerebral Palsy  
Cognitive Impairment  
Congenital Disorders  
Dementia  
Depression  
Dizziness  
Down's Syndrome  
Endometriosis  
Fever  
Grave's Disease  
Head Injury

Hemachromatosis  
Hyperactivity  
Hypothermia  
Lithium Toxicity  
Meningitis  
Mental Disorders  
Mental Retardation  
Migraine  
Myasthenia Gravis  
Sarcoid/Sarcoidosis  
Schizophrenia  
Septic  
Spina Bifida  
Suicidal  
Tremors