

THE ARTHRITIS SOCIETY - CONSULTATION & THERAPY SERVICE (CTS)

1993 - 1994 ANNUAL SUMMARY OF CLIENTS AND REFERRALS

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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 1/93 to March 31/94. 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 1993-94 period, the CTS was organized into four service areas. These areas were designated: 'East' (A); 'Central' (B); 'South West' (D); and 'North' (E) (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 1/93 to March 31/94.

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 2.17. For each of these analyses, the information is summarized as a 'Total' (i.e. all cases throughout the province) and as four subgroups which represent the four service areas.

Note that in most of the tables the number of cases (n) is provided for the Total analysis but not for the areas; however, this information is available upon request. Also, 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.

Table 1.0 is a summary of the number of clients and referrals grouped according to **service area**. A total of 4,972 clients were referred to CTS and began receiving service during the 1993-94 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 1/93.

The total number of **referrals** for the 1993-94 period was 5,789; 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.

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 74.0% age 45 or older and 38.1% in the age 65 or older group. The mean was 56.4 years and there was a large range in ages from 14 months to 96 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. Area B had a relatively high proportion of clients under age 18; this finding may reflect the availability of pediatric rheumatologists in this region. Area D had the highest percent of elderly clients;

however, the difference was moderate.

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.

The relatively older age of CTS clients was also a factor regarding **education level** (Table 1.6); 16.8% of adult clients were in the 'elementary or less' category and close to half had not completed high school. Also note in Table 1.6 that education information was missing for 86 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, 19.4%. 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 'North' (E) or the 'East' (A) regions of the province.

Household size information, presented in Table 1.8, indicates that 25.3% 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; for example, 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 B 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; 596 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, more than

60%, had either rheumatoid or osteoarthritis and another 13% 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. Area B differed from the others in having more fibrositis/fibromyalgia than primary OA clients. Area A differed in having higher proportions of clients with polyarthritis, psoriatic arthritis, and ankylosing spondylitis, and a lower percentage of fibrositis/fibromyalgia.

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, 60%, 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; 22.7% reported a duration of one year or less. Also, the 'Total' figures show considerable variability regarding disease duration.

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. Note that these percentages cannot be summed as the two bottom categories are included in the top one ('at least one other'). The data in Table 1.18 show that 45% 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; 38% were age 65 or older.

Information about **types of concurrent conditions** is presented in Table 1.19. Percentages are not used 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 2.17.

Data pertaining to **types of service** are presented in Tables 2.1 & 2.2. A large majority of referrals, 89.5% 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, hydrotherapy was the predominate type. A major factor in the substantial regional variation regarding service type was availability (e.g. no social work in Area E). 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'). Note the area differences regarding referrals from 'Homecare', which is a community-based agency, and also 'clinic' referrals. The relatively high proportion of 'clinic' referrals in area E ('North') reflects the fact that rheumatologists who are located in other parts of the province, travelled to this area to provide clinics. The low number of 'self' referrals is to be expected since the date of the legislative change allowing this was January 1/94.

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 three 'external' sources ('regular', 'Homecare', & 'clinic'). While the majority of these referrals, close to two thirds, came from rheumatologists, and almost a third from family practitioners, these proportions varied substantially across areas. 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.

Similarly, the data shown 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.

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 5.23 weeks. According to the area comparisons, area B had the longest average wait period and area E the shortest. The broad range in wait time from 0 (same day) to 86.6 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 6.1% of

referrals, wait time was 0, and for 72.6%, it was 6 weeks or less.

The data in Table 2.12, which is restricted to referrals from three 'external' sources ('regular', 'Homecare', & 'clinic'), are very similar to that in Table 2.11. This is expected because these cases represent 97.4% of all referrals. However, when 'internal' referrals, i.e. those made by CTS staff, were analyzed separately (see Table 2.13), a longer mean wait time (over 7 weeks) was found for this group. There were no area differences in the mean wait for 'internal' referrals, although the maximum wait shows variation. The data in Table 2.14, which is the wait time analysis for 'self' referrals only, indicate a very short mean of 1.46 weeks and regional variation. Also note that the maximum wait time of 7.9 weeks for self referrals was much lower than the maximum wait times for referrals from other sources (see Tables 2.12 and 2.13). However, the data in Table 2.14 must be interpreted with caution as the number of self referrals was low (n=27).

Information regarding the number of times service was provided per referral is shown in Tables 2.15 & 2.17. 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 2.16). 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 three 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 5,789 referrals for service in this annual period, 4,582 cases were available for attendance analysis.

Data for **total attendance** are presented in

Table 2.15. The mean number of attendances per referral was 3.5, and the number of attendances ranged from a single contact to 32. There was some regional variation in total attendance with area A having the highest mean attendance and the highest maximum attendance.

As shown in Table 2.16, a small proportion of referrals (5.4%) were for individuals who were seen under **Homecare**, and Area D had a very small proportion compared to the other regions. A separate attendance analysis of the 246 referrals made for Homecare clients is presented in Table 2.17. It is evident that the mean for Homecare attendance (5.2) was higher than the mean for Total attendance (3.5 in Table 2.15). Also evident in Table 2.17, are area differences in Homecare attendance mean and range.

Table 1.0 Service Area

| | CLIENTS | | REFERRALS | |
|--------------|-------------|--------------|-------------|--------------|
| | n | % | n | % |
| Area A | 1308 | 26.3 | 1430 | 24.7 |
| Area B | 1379 | 27.7 | 1839 | 31.8 |
| Area D | 1490 | 30.0 | 1672 | 28.9 |
| Area E | 795 | 16.0 | 848 | 14.6 |
| Total | 4972 | 100.0 | 5789 | 100.0 |

Table 1.1 Client Locations

| Area A | n | Area B | n |
|---------------|-----|------------------------|-----|
| Ottawa | 358 | Metro Toronto | 573 |
| Kingston | 203 | Hamilton | 171 |
| Peterborough | 151 | St. Catharines/Thorold | 97 |
| Belleville | 46 | Mississauga | 88 |
| Cornwall | 24 | Brampton/Bramalea | 69 |
| Napanee | 20 | Burlington | 64 |
| Brockville | 19 | Niagara Falls | 33 |
| Trenton | 18 | Thornhill | 30 |
| Lindsay | 16 | Welland | 26 |
| Bobcaygeon* | 12 | Stoney Creek | 22 |
| Picton* | 12 | Oakville | 21 |
| Prescott* | 12 | Markham/Unionville | 20 |
| Campbellford* | 11 | Brantford | 17 |
| Pembroke | 11 | Richmond Hill | 16 |
| Perth | 11 | Port Colborne | 12 |
| Havelock* | 10 | Milton | 10 |
| Smiths Falls | 10 | | |

Table 1.1 Client Locations (continued)

| Area D | | Area E | |
|--------------------|-----|--------------------|-----|
| | n | | n |
| London | 577 | Sudbury | 128 |
| Kitchener/Waterloo | 138 | Timmins | 88 |
| Windsor | 102 | Sault St. Marie | 85 |
| Guelph | 71 | North Bay | 70 |
| Chatham | 53 | Kenora | 66 |
| Cambridge | 46 | Thunder Bay | 55 |
| Woodstock | 38 | Parry Sound | 20 |
| St. Thomas | 30 | Gravenhurst | 15 |
| Owen Sound | 28 | Bracebridge | 11 |
| Stratford | 25 | Chelmsford* | 11 |
| Goderich | 15 | Kapuskasing | 11 |
| Tillsonburg | 12 | Hanmer/Val Therese | 10 |
| Kincardine | 10 | South Porcupine* | 10 |

Table 1.2 Sex

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|--------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| female | 4098 | 82.4 | 75.4 | 86.8 | 84.1 | 83.3 |
| male | 874 | 17.6 | 24.6 | 13.2 | 15.9 | 16.7 |

Table 1.3 Age Group

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|-----------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| under 18 | 192 | 3.9 | 2.9 | 7.7 | 1.1 | 3.9 |
| 18 - 29 | 209 | 4.2 | 5.4 | 4.1 | 3.4 | 3.9 |
| 30 - 44 | 894 | 18.0 | 17.9 | 18.9 | 17.0 | 18.4 |
| 45 - 64 | 1786 | 35.9 | 35.1 | 33.9 | 38.1 | 36.6 |
| 65 - 74 | 1027 | 20.7 | 22.0 | 18.3 | 21.4 | 21.1 |
| 75 & over | 864 | 17.4 | 16.7 | 17.1 | 18.9 | 16.1 |

Table 1.4 Age

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|-------|----------|----------|----------|----------|----------|
| mean | 56.4 | 56.7 | 53.9 | 58.5 | 55.9 |
| range | 1.2 - 96 | 2.0 - 93 | 1.3 - 93 | 1.6 - 96 | 1.2 - 93 |

Table 1.5 Marital Status (age 18 and over)

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|--------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| married/common law | 2924 | 61.3 | 63.2 | 58.1 | 60.7 | 64.9 |
| widowed | 999 | 21.0 | 19.1 | 21.1 | 21.6 | 22.5 |
| separated/divorced | 443 | 9.3 | 7.9 | 10.1 | 10.5 | 7.9 |
| never married | 402 | 8.4 | 9.8 | 10.7 | 7.2 | 4.7 |
| missing (n) | (12) | | (3) | (7) | (1) | (1) |

Table 1.6 Education Level (age 18 and over)

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|--------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| elementary or less | 789 | 16.8 | 12.3 | 18.7 | 17.1 | 20.7 |
| some high school | 1347 | 28.7 | 30.9 | 26.9 | 28.5 | 28.5 |
| high school grad. | 1178 | 25.1 | 24.3 | 22.9 | 27.5 | 25.3 |
| some college | 312 | 6.6 | 5.9 | 8.0 | 6.5 | 5.9 |
| some university | 177 | 3.8 | 4.0 | 4.3 | 3.7 | 2.6 |
| college grad. | 409 | 8.7 | 9.6 | 7.3 | 8.5 | 10.1 |
| university grad. | 385 | 8.2 | 9.4 | 9.4 | 6.9 | 6.7 |
| post graduate | 97 | 2.1 | 3.6 | 2.5 | 1.3 | 0.3 |
| missing (n) | (86) | | (4) | (34) | (18) | (30) |

Table 1.7 Primary Language

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|----------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| English | 4166 | 84.4 | 85.5 | 79.1 | 92.6 | 76.5 |
| French | 260 | 5.3 | 8.4 | 1.5 | 0.9 | 15.2 |
| Italian | 106 | 2.1 | 0.8 | 4.7 | 0.7 | 2.8 |
| German | 44 | 0.9 | 0.5 | 0.9 | 1.1 | 1.0 |
| Portuguese | 38 | 0.8 | 0.5 | 1.2 | 0.8 | 0.3 |
| Polish | 29 | 0.6 | 0.2 | 1.2 | 0.4 | 0.4 |
| Chinese | 12 | 0.2 | 0.5 | 0.3 | 0.0 | 0.1 |
| other language | 279 | 5.7 | 3.5 | 11.1 | 3.5 | 3.6 |
| missing (n) | (38) | | (9) | (5) | (3) | (21) |

Table 1.8 Household Size

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|----------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| lives alone | 1244 | 25.3 | 22.8 | 25.0 | 29.0 | 22.6 |
| with 1 person | 2002 | 40.6 | 44.4 | 32.1 | 42.7 | 45.7 |
| with 2 people | 641 | 13.0 | 13.3 | 14.5 | 11.4 | 13.0 |
| with 3 people | 685 | 13.9 | 13.1 | 18.0 | 11.6 | 12.3 |
| with 4 people | 240 | 4.9 | 4.5 | 6.9 | 3.1 | 5.3 |
| with 5 or more | 114 | 2.3 | 1.9 | 3.5 | 2.2 | 1.2 |
| missing (n) | (46) | | (3) | (10) | (9) | (24) |

Table 1.9 Employment Status (age 18 - 64)

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|-------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| full or part time | 998 | 34.8 | 40.2 | 29.8 | 35.3 | 33.3 |
| not working | 1872 | 65.2 | 59.8 | 70.2 | 64.7 | 66.7 |
| missing (n) | (19) | | (1) | (6) | (3) | (9) |

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

| | TOTAL |
|-----------------------|-------|
| | n |
| long term disability | 475 |
| short term disability | 36 |
| sick leave | 85 |
| laidoff | 34 |
| looking for work | 71 |
| homemaker | 707 |
| retired | 323 |
| student | 56 |
| volunteer | 29 |
| maternity | 5 |
| other reason | 267 |

Table 1.11 Diagnosis - All Clients

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|--------------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| rheumatoid arthritis | 1705 | 34.3 | 38.5 | 35.3 | 26.5 | 40.5 |
| OA primary | 1167 | 23.5 | 24.5 | 14.4 | 32.1 | 21.5 |
| fibrositis/myalgia | 653 | 13.1 | 5.8 | 18.6 | 15.9 | 10.6 |
| other diagnosis | 213 | 4.3 | 4.8 | 4.1 | 5.1 | 2.1 |
| OA secondary | 176 | 3.5 | 2.1 | 8.5 | 1.1 | 2.0 |
| polyarthritis | 142 | 2.9 | 4.8 | 2.5 | 2.1 | 1.8 |
| psoriatic arthritis | 134 | 2.7 | 4.0 | 2.1 | 2.3 | 2.3 |
| degenerative disc | 125 | 2.5 | 1.2 | 1.0 | 4.8 | 3.1 |
| anky. spondylitis | 124 | 2.5 | 5.8 | 1.6 | 1.5 | 0.6 |
| other nonarticular rheum | 81 | 1.6 | 2.3 | 0.3 | 2.2 | 1.8 |
| unspecified arthritis | 74 | 1.5 | 0.5 | 0.6 | 2.2 | 3.3 |
| JA pauciarticular | 65 | 1.3 | 0.6 | 3.0 | 0.3 | 1.5 |
| SLE systemic | 57 | 1.1 | 1.2 | 1.5 | 0.2 | 2.4 |
| JA polyarticular | 54 | 1.1 | 0.5 | 1.9 | 0.8 | 1.3 |
| scleroderma | 45 | 0.9 | 0.8 | 1.2 | 0.7 | 0.9 |
| polymyaglia rheum | 26 | 0.5 | 0.5 | 0.4 | 0.6 | 0.8 |
| osteoporosis | 23 | 0.5 | 0.5 | 0.6 | 0.3 | 0.4 |
| JA systemic | 19 | 0.4 | 0.5 | 0.4 | 0.1 | 0.6 |
| arth. - bowel disease | 17 | 0.3 | 0.4 | 0.2 | 0.2 | 0.8 |
| gout | 17 | 0.3 | 0.2 | 0.2 | 0.5 | 0.5 |
| mixed connective | 16 | 0.3 | 0.2 | 0.7 | 0.1 | 0.3 |
| polymyositis | 12 | 0.2 | 0.0 | 0.7 | 0.1 | 0.3 |
| arthritis - infection | 8 | 0.2 | 0.2 | 0.0 | 0.1 | 0.4 |
| dermatomyositis | 6 | 0.1 | 0.2 | 0.2 | 0.1 | 0.0 |
| pseudogout | 4 | 0.1 | 0.0 | 0.1 | 0.1 | 0.3 |
| SLE discoid | 3 | 0.1 | 0.0 | 0.1 | 0.0 | 0.3 |
| missing (n) | (6) | | (5) | (1) | (0) | (0) |

Table 1.12 Diagnosis - Adults (age 17 & over)

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|-----------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| rheumatoid arthritis | 1703 | 35.6 | 39.6 | 38.0 | 26.7 | 41.9 |
| OA primary | 1167 | 24.4 | 25.1 | 15.5 | 32.5 | 22.3 |
| fibrositis/myalgia | 635 | 13.3 | 5.5 | 19.4 | 16.0 | 10.7 |
| other diagnosis | 195 | 4.1 | 4.5 | 3.7 | 5.2 | 2.0 |
| OA secondary | 176 | 3.7 | 2.1 | 9.2 | 1.1 | 2.1 |
| polyarthritis | 138 | 2.9 | 4.8 | 2.5 | 2.1 | 1.8 |
| psoriatic arthritis | 132 | 2.8 | 4.1 | 2.1 | 2.4 | 2.3 |
| degenerative disc | 125 | 2.6 | 1.2 | 1.1 | 4.8 | 3.3 |
| anky. spondylitis | 118 | 2.5 | 5.7 | 1.5 | 1.5 | 0.7 |
| other nonartc rheum | 77 | 1.6 | 2.2 | 0.3 | 2.2 | 1.6 |
| unspecified arthritis | 74 | 1.5 | 0.6 | 0.6 | 2.2 | 3.4 |
| SLE systemic | 57 | 1.2 | 1.2 | 1.6 | 0.2 | 2.5 |
| scleroderma | 44 | 0.9 | 0.9 | 1.3 | 0.7 | 0.8 |
| polymyaglia rheum | 26 | 0.5 | 0.5 | 0.4 | 0.6 | 0.8 |
| osteoporosis | 23 | 0.5 | 0.6 | 0.6 | 0.3 | 0.4 |
| gout | 17 | 0.4 | 0.2 | 0.2 | 0.5 | 0.5 |
| arth. - bowel disease | 16 | 0.3 | 0.4 | 0.2 | 0.2 | 0.8 |
| JA pauci or polyarth. | 13 | 0.3 | 0.4 | 0.2 | 0.1 | 0.5 |
| mixed connective | 13 | 0.3 | 0.1 | 0.6 | 0.1 | 0.3 |
| polymyositis | 12 | 0.3 | 0.0 | 0.7 | 0.1 | 0.3 |
| arthritis - infection | 8 | 0.2 | 0.2 | 0.0 | 0.1 | 0.4 |
| JA systemic | 7 | 0.1 | 0.2 | 0.0 | 0.1 | 0.4 |
| pseudogout | 4 | 0.1 | 0.0 | 0.1 | 0.1 | 0.3 |
| SLE discoid | 3 | 0.1 | 0.0 | 0.1 | 0.0 | 0.3 |
| dermatomyositis | 3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| missing (n) | (6) | | (5) | (1) | (0) | (0) |

Table 1.13 Diagnosis - Children (age 16 and under)

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|-----------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| JA pauciarticular | 60 | 33.3 | 11.8 | 38.8 | 25.0 | 44.4 |
| JA polyartic. or RA | 48 | 26.7 | 14.7 | 25.2 | 68.8 | 22.2 |
| fibrositis/myalgia | 18 | 10.0 | 17.6 | 8.7 | 6.3 | 7.4 |
| other diagnosis | 18 | 10.0 | 17.6 | 9.7 | 0.0 | 7.4 |
| JA systemic | 12 | 6.7 | 11.8 | 5.8 | 0.0 | 7.4 |
| anky. spondylitis | 6 | 3.3 | 8.8 | 2.9 | 0.0 | 0.0 |
| polyarthritis | 4 | 2.2 | 5.9 | 1.9 | 0.0 | 0.0 |
| other nonartic rheum | 4 | 2.2 | 5.9 | 0.0 | 0.0 | 7.4 |
| dermatomyositis | 3 | 1.7 | 2.9 | 1.9 | 0.0 | 0.0 |
| mixed connective | 3 | 1.7 | 2.9 | 1.9 | 0.0 | 0.0 |
| psoriatic arthritis | 2 | 1.1 | 0.0 | 1.9 | 0.0 | 0.0 |
| arth. - bowel disease | 1 | 0.6 | 0.0 | 1.0 | 0.0 | 0.0 |
| scleroderma | 1 | 0.6 | 0.0 | 0.0 | 0.0 | 3.7 |
| missing (n) | (0) | | (0) | (0) | (0) | (0) |

Table 1.14 Disease Duration (groups)

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|--------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| less than 1 year | 535 | 10.9 | 12.4 | 9.0 | 12.1 | 9.6 |
| 1 year | 576 | 11.8 | 13.1 | 10.6 | 11.8 | 11.5 |
| 2-5 years | 1414 | 28.9 | 27.8 | 28.7 | 30.0 | 28.7 |
| 6-10 years | 985 | 20.1 | 18.5 | 21.3 | 20.3 | 20.4 |
| more than 10 years | 1388 | 28.3 | 28.3 | 30.3 | 25.7 | 29.8 |
| missing (n) | (74) | | (24) | (17) | (29) | (4) |

Table 1.15 Disease Duration (years)

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|-------------|----------|----------|----------|----------|----------|
| mean | 9.11 | 8.89 | 9.66 | 8.56 | 9.52 |
| range | .02 - 77 | .08 - 54 | .04 - 70 | .02 - 77 | .16 - 65 |
| missing (n) | (74) | (24) | (17) | (29) | (4) |

Table 1.16 Joint Replacement

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|-----|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| no | 4896 | 98.5 | 98.4 | 99.1 | 97.5 | 99.4 |
| yes | 76 | 1.5 | 1.6 | 0.9 | 2.5 | 0.6 |

Table 1.17 Type of Joint Replacement

| | TOTAL |
|-------------|-------|
| | n |
| hip | 45 |
| knee | 33 |
| shoulder | 3 |
| elbow | 1 |
| hand/wrist | 0 |
| other joint | 2 |

Table 1.18 Number of Concurrent Conditions

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|--------------------|-------|--------|--------|--------|--------|
| | % | % | % | % | % |
| at least one other | 44.8 | 40.0 | 46.1 | 50.7 | 39.4 |
| 2 or more | 14.8 | 11.9 | 17.0 | 15.7 | 14.2 |
| 3 or more | 4.1 | 12.8 | 5.2 | 4.2 | 4.3 |

Table 1.19 Types of Concurrent Conditions

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|----------------------|-------|--------|--------|--------|--------|
| | n | n | n | n | n |
| no other condition | 2744 | 785 | 743 | 734 | 482 |
| other arth/rheum | 530 | 82 | 149 | 237 | 62 |
| stroke/circul/vascul | 518 | 105 | 149 | 161 | 103 |
| metabol/endocr/nutri | 351 | 83 | 95 | 108 | 65 |
| heart | 324 | 73 | 103 | 92 | 56 |
| other condition | 271 | 74 | 90 | 89 | 18 |
| digestive | 244 | 64 | 79 | 62 | 39 |
| respiratory | 204 | 56 | 66 | 58 | 24 |
| skin/allergies | 111 | 34 | 30 | 28 | 19 |
| back/neck | 101 | 20 | 31 | 44 | 6 |
| sensory | 100 | 19 | 41 | 30 | 10 |
| other MSD | 97 | 20 | 21 | 49 | 7 |
| neoplasms | 80 | 26 | 16 | 21 | 17 |
| nervous system | 68 | 19 | 16 | 18 | 15 |
| urinary/kidney | 57 | 17 | 27 | 9 | 4 |
| injuries/trauma | 11 | 5 | 1 | 4 | 1 |

Table 2.1 Service Type

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|--------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| PT | 3897 | 67.3 | 80.5 | 53.1 | 74.9 | 61.0 |
| OT | 964 | 16.7 | 8.1 | 30.1 | 5.9 | 23.1 |
| social work | 321 | 5.5 | 3.7 | 10.5 | 4.4 | 0.0 |
| hydro groups | 387 | 6.7 | 7.7 | 3.6 | 7.2 | 10.6 |
| other groups | 220 | 3.8 | 0.0 | 2.7 | 7.5 | 5.3 |

Table 2.2 Group Type

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| hydro | 387 | 63.9 | 100.0 | 57.9 | 49.0 | 66.7 |
| disease specific | 88 | 14.5 | 0.0 | 14.9 | 28.7 | 0.0 |
| education | 86 | 14.2 | 0.0 | 0.0 | 16.6 | 33.3 |
| support | 27 | 4.5 | 0.0 | 11.4 | 5.7 | 0.0 |
| relaxation | 18 | 3.0 | 0.0 | 15.8 | 0.0 | 0.0 |
| missing (n) | (1) | | (0) | (1) | (0) | (0) |

Table 2.3 Referral Source

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|-------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| regular | 4978 | 86.4 | 87.0 | 85.6 | 96.4 | 67.3 |
| Homecare | 322 | 5.6 | 8.2 | 5.3 | 1.6 | 9.7 |
| clinic | 309 | 5.4 | 2.6 | 4.8 | 0.1 | 21.7 |
| internal referral | 127 | 2.2 | 2.2 | 3.9 | 1.4 | 0.0 |
| self | 27 | 0.5 | 0.0 | 0.4 | 0.5 | 1.3 |
| missing (n) | (26) | | (3) | (16) | (5) | (2) |

Table 2.4 Internal Referral Source

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|-------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| PT | 74 | 58.3 | 80.6 | 44.4 | 70.8 | N/A |
| OT | 26 | 20.5 | 6.5 | 30.6 | 8.3 | N/A |
| social work | 27 | 21.3 | 12.9 | 25.0 | 20.8 | N/A |

Table 2.5 Referring Physician Type

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| rheumatologist | 3563 | 63.7 | 74.2 | 76.3 | 52.0 | 42.4 |
| GP | 1819 | 32.5 | 22.3 | 18.9 | 45.5 | 52.5 |
| orthopedic | 60 | 1.1 | 1.8 | 0.8 | 0.6 | 1.3 |
| internist | 59 | 1.1 | 0.4 | 1.4 | 0.2 | 3.2 |
| other specialist | 95 | 1.7 | 1.3 | 2.6 | 1.7 | 0.6 |
| missing (n) | (13) | | (0) | (3) | (10) | (0) |

Table 2.6 Diagnosis - All Referrals

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|--------------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| rheumatoid arthritis | 2084 | 36.0 | 40.4 | 38.2 | 27.6 | 40.6 |
| OA primary | 1280 | 22.1 | 23.8 | 13.1 | 30.9 | 21.8 |
| fibrositis/myalgia | 778 | 13.5 | 5.5 | 17.7 | 16.7 | 11.2 |
| other diagnosis | 239 | 4.1 | 4.6 | 3.8 | 5.3 | 2.0 |
| OA secondary | 207 | 3.6 | 1.9 | 7.9 | 1.0 | 2.0 |
| polyarthritis | 175 | 3.0 | 5.1 | 3.0 | 2.0 | 1.7 |
| psoriatic arthritis | 162 | 2.8 | 3.9 | 2.4 | 2.5 | 2.2 |
| anky. spondylitis | 135 | 2.3 | 5.5 | 1.4 | 1.4 | 0.7 |
| degenerative disc | 132 | 2.3 | 1.1 | 1.0 | 4.4 | 2.9 |
| other nonarticular rheum | 83 | 1.4 | 2.1 | 0.3 | 2.0 | 1.7 |
| unspecified arthritis | 75 | 1.3 | 0.5 | 0.5 | 2.0 | 3.1 |
| JA pauciarticular | 72 | 1.2 | 0.7 | 2.5 | 0.2 | 1.4 |
| SLE systemic | 68 | 1.2 | 1.2 | 1.3 | 0.4 | 2.4 |
| JA polyarticular | 65 | 1.1 | 0.4 | 1.8 | 0.8 | 1.3 |
| scleroderma | 58 | 1.0 | 0.8 | 1.4 | 0.8 | 0.8 |
| polymyalgia rheum | 27 | 0.5 | 0.5 | 0.3 | 0.5 | 0.7 |
| osteoporosis | 24 | 0.4 | 0.5 | 0.5 | 0.3 | 0.4 |
| JA systemic | 20 | 0.3 | 0.4 | 0.4 | 0.1 | 0.6 |
| arth. - bowel disease | 19 | 0.3 | 0.4 | 0.2 | 0.2 | 0.7 |
| gout | 19 | 0.3 | 0.2 | 0.2 | 0.4 | 0.6 |
| mixed connective | 17 | 0.3 | 0.1 | 0.6 | 0.1 | 0.2 |
| polymyositis | 17 | 0.3 | 0.0 | 0.8 | 0.1 | 0.2 |
| arthritis - infection | 8 | 0.1 | 0.2 | 0.0 | 0.1 | 0.4 |
| dermatomyositis | 7 | 0.1 | 0.1 | 0.2 | 0.1 | 0.0 |
| SLE discoid | 6 | 0.1 | 0.1 | 0.2 | 0.0 | 0.2 |
| pseudogout | 5 | 0.1 | 0.0 | 0.1 | 0.1 | 0.2 |
| Lyme | 1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 |
| missing (n) | (6) | | (5) | (1) | (0) | (0) |

Table 2.7 Diagnosis - Referrals for Adults (over age 16)

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|------------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| rheumatoid arthritis | 2082 | 37.3 | 41.4 | 40.8 | 27.8 | 42.0 |
| OA primary | 1280 | 22.9 | 24.4 | 13.9 | 31.2 | 22.6 |
| fibrositis/myalgia | 760 | 13.6 | 5.2 | 18.4 | 16.8 | 11.4 |
| other diagnosis | 221 | 4.0 | 4.2 | 3.4 | 5.3 | 1.8 |
| OA secondary | 207 | 3.7 | 1.9 | 8.5 | 1.0 | 2.1 |
| polyarthritis | 171 | 3.1 | 5.0 | 3.1 | 2.0 | 1.7 |
| psoriatic arthritis | 160 | 2.9 | 4.0 | 2.5 | 2.5 | 2.3 |
| degenerative disc | 132 | 2.4 | 1.1 | 1.1 | 4.4 | 3.1 |
| anky. spondylitis | 128 | 2.3 | 5.5 | 1.3 | 1.5 | 0.6 |
| other nonartic. rheum | 79 | 1.4 | 2.0 | 0.3 | 2.1 | 1.5 |
| unspecified arthritis | 75 | 1.3 | 0.5 | 0.5 | 2.0 | 3.2 |
| SLE systemic | 68 | 1.2 | 1.2 | 1.4 | 0.4 | 2.4 |
| scleroderma | 57 | 1.0 | 0.9 | 1.5 | 0.8 | 0.7 |
| polymyaglia rheum | 27 | 0.5 | 0.5 | 0.3 | 0.5 | 0.7 |
| osteoporosis | 24 | 0.4 | 0.5 | 0.5 | 0.3 | 0.4 |
| gout | 19 | 0.3 | 0.2 | 0.2 | 0.4 | 0.6 |
| arth. - bowel disease | 18 | 0.3 | 0.4 | 0.2 | 0.2 | 0.7 |
| JA pauci. or polyarth. | 18 | 0.3 | 0.5 | 0.2 | 0.2 | 0.5 |
| polymyositis | 17 | 0.3 | 0.0 | 0.8 | 0.1 | 0.2 |
| mixed connective | 14 | 0.3 | 0.1 | 0.5 | 0.1 | 0.2 |
| arthritis - infection | 8 | 0.1 | 0.2 | 0.0 | 0.1 | 0.4 |
| JA systemic | 7 | 0.1 | 0.1 | 0.0 | 0.1 | 0.4 |
| SLE discoid | 6 | 0.1 | 0.1 | 0.2 | 0.0 | 0.2 |
| pseudogout | 5 | 0.1 | 0.0 | 0.1 | 0.1 | 0.2 |
| dermatomyositis | 3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| Lyme | 1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 |
| missing (n) | (6) | | (5) | (1) | (0) | (0) |

Table 2.8 Diagnosis - Referrals for Children (age 16 & under)

| | TOTAL | | AREA A | AREA | AREA D | AREA E |
|--------------------------|-------|------|--------|------|--------|--------|
| | n | % | % | % | % | % |
| JA pauciarticular | 64 | 32.7 | 11.8 | 37.9 | 23.5 | 41.4 |
| JA polyartic or RA | 57 | 29.1 | 14.7 | 28.4 | 70.6 | 24.1 |
| fibrositis/myalgia | 18 | 9.2 | 17.6 | 7.8 | 5.9 | 6.9 |
| other diagnosis | 18 | 9.2 | 17.6 | 8.6 | 0.0 | 6.9 |
| JA systemic | 13 | 6.6 | 11.8 | 6.0 | 0.0 | 6.9 |
| anky. spondylitis | 7 | 3.6 | 8.8 | 2.6 | 0.0 | 3.4 |
| polyarthritis | 4 | 2.0 | 5.9 | 1.7 | 0.0 | 0.0 |
| dermatomyositis | 4 | 2.0 | 2.9 | 2.6 | 0.0 | 0.0 |
| other nonarticular rheum | 4 | 2.0 | 5.9 | 0.0 | 0.0 | 6.9 |
| mixed connective | 3 | 1.5 | 2.9 | 1.7 | 0.0 | 0.0 |
| psoriatic arthritis | 2 | 1.0 | 0.0 | 1.7 | 0.0 | 0.0 |
| arth. - bowel disease | 1 | 0.5 | 0.0 | 0.9 | 0.0 | 0.0 |
| scleroderma | 1 | 0.5 | 0.0 | 0.0 | 0.0 | 3.4 |
| missing (n) | (0) | | (0) | (0) | (0) | (0) |

Table 2.9 Disease Duration (groups)

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|--------------------|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| less than 1 year | 607 | 10.6 | 12.5 | 8.7 | 11.9 | 9.4 |
| 1 year | 680 | 11.9 | 12.9 | 11.2 | 11.9 | 11.8 |
| 2-5 years | 1642 | 28.8 | 27.7 | 27.6 | 30.9 | 29.0 |
| 6-10 years | 1141 | 20.0 | 18.5 | 21.0 | 19.8 | 20.7 |
| more than 10 years | 1636 | 28.7 | 28.5 | 31.5 | 25.5 | 29.0 |
| missing (n) | (83) | | (27) | (21) | (31) | (4) |

Table 2.10 Disease Duration (years)

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|-------------|-----------|-----------|-----------|-----------|-----------|
| mean | 9.18 | 8.96 | 9.88 | 8.47 | 9.40 |
| range | 0.02 - 77 | 0.08 - 54 | 0.04 - 70 | 0.02 - 77 | 0.16 - 65 |
| missing (n) | (83) | (27) | (21) | (31) | (4) |

Table 2.11 Wait Time (weeks) - All Referrals

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|-------------|----------|----------|----------|----------|----------|
| mean | 5.23 | 4.73 | 6.72 | 5.26 | 2.81 |
| range | 0 - 86.6 | 0 - 77.6 | 0 - 86.6 | 0 - 73.4 | 0 - 60.7 |
| missing (n) | (2) | (1) | (1) | (0) | (0) |

Table 2.12 Wait Time (weeks) - External Referrals

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|-------------|----------|----------|----------|----------|----------|
| mean | 5.19 | 4.66 | 6.68 | 5.25 | 2.84 |
| range | 0 - 77.6 | 0 - 77.6 | 0 - 58.3 | 0 - 73.4 | 0 - 60.7 |
| missing (n) | (1) | (1) | (0) | (0) | (0) |

Table 2.13 Wait Time (weeks) - Internal Referrals

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|-------------|----------|----------|----------|----------|--------|
| mean | 7.34 | 7.42 | 7.10 | 7.96 | N/A |
| range | 0 - 86.6 | 0 - 37.1 | 0 - 86.6 | 0 - 61.4 | N/A |
| missing (n) | (1) | (0) | (1) | (0) | N/A |

Table 2.14 Wait Time (weeks) - Self Referrals

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|-------------|---------|--------|-----------|---------|---------|
| mean | 1.46 | N/A | 3.59 | 0.18 | 0.86 |
| range | 0 - 7.9 | N/A | 0.7 - 7.9 | 0 - 0.6 | 0 - 1.9 |
| missing (n) | (0) | N/A | (0) | (0) | (0) |

Table 2.15 Total Attendance

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|-------|--------|--------|--------|--------|--------|
| mean | 3.50 | 3.77 | 3.41 | 3.61 | 2.92 |
| range | 1 - 32 | 1 - 32 | 1 - 19 | 1 - 20 | 1 - 21 |

Table 2.16 Homecare Service

| | TOTAL | | AREA A | AREA B | AREA D | AREA E |
|-----|-------|------|--------|--------|--------|--------|
| | n | % | % | % | % | % |
| yes | 246 | 5.4 | 9.2 | 5.7 | 0.6 | 9.0 |
| no | 4336 | 94.6 | 90.8 | 94.3 | 99.4 | 91.0 |

Table 2.17 Homecare Attendance

| | TOTAL | AREA A | AREA B | AREA D | AREA E |
|-------|--------|--------|--------|--------|--------|
| mean | 5.20 | 5.94 | 5.13 | 9.13 | 3.32 |
| range | 1 - 32 | 1 - 32 | 1 - 16 | 3 - 19 | 1 - 13 |

APPENDIX A

Ontario Division
**CONSULTATION AND THERAPY SERVICE
BY SERVICE AREA**



APPENDIX B

CASE DATA

| | |
|--------------|---|
| Serial No. | R |
| Service Area | |
| Group I.D. | |

Service PT GROUP SW OT

Client Name _____ Health Card # _____
First Last

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) 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

Date of Closure

| | | |
|-----|-------|------|
| | | |
| Day | Month | Year |

 Total HC Att. No Shows

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
Pancreatitis
Pyloric Stenosis
Spastic Bowel Syndrome
Ulcerative Colitis

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

Alopecia Universalis
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
Obesity
Sarcoid/Sarcoidosis
Schizophrenia
Septic
Spina Bifida
Suicidal
Tremors
Underweight