

**Canadian War Museum Finding Aid
Dr. Alfred Hardisty Sellers Collection
Accession number 19870218-001**

Dates: 1935-1968

Extent: 6 boxes of reports.

Biographical Sketch: Dr. Alfred Hardisty Sellers was a Medical statistician for the Ontario Department of Health before joining the Royal Canadian Air Force (RCAF) during the Second World War. While serving with the RCAF, Sellers rose to the rank of Group Captain. After the war he was on the staff of the RCAF Institute of Aviation Medicine in Toronto. He was very active in a number of inter-related roles over 40 years, including working as Director and Medical Statistician of the Medical Statistics Branch from 1933 through 1966. In 1965, Sellers began representing the Ministry of Health as a member of the Advisory Committee on the Occupational Health of the Ontario Mining Association. In 1967 when the Branch was replaced by the Health Statistics Services (part of the Research and Planning Branch), Sellers continued as Medical Statistician while at the same time acting as the Assistant Director of the Research and Planning Branch. In 1970, he retired from the Research and Planning Branch, and became the Director of the Ontario Cancer Treatment and Research Foundation. At the same time, he continued to sit as a member of the Advisory Committee on behalf of the Ministry of Health until 1976.

Language: textual material in the fond is in English.

Scope and Content: An extensive collection of reports, statistics and articles relating to Canadian Military Aviation Medicine, many authored or co-authored by Sellers.

Arrangement: This finding aid has been arranged numerically by file number. All material can be found in boxes 58A 1 69 through 58A 1 74.

Detailed Listing:

BOX 58A 1 69

| File number | Contents |
|-------------|--|
| 58A 1 69.1 | <ul style="list-style-type: none"> • 1935, offprint from <u>Edinburgh medical journal, New Series</u> (IV), Vol XLIII, "Observations on Blood Pressure in Healthy Adult Males," PL McKinlay and AB Walker, 18pp. • December 1937, offprint from <u>Journal of Aviation Medicine</u>, vol. 8, no.4, "The Effects of Prolonged Exposures to Altitudes of 8000 to 12,000 Feet During Trans-Pacific Flights," RA McFarland and HT Edwards, 23pp. • January 1938, article from <u>Canadian Hospital</u>, "Hospital Forms and Case Records," A Hardisty Sellers, 6pp. |

| File number | Contents |
|-------------|--|
| | <ul style="list-style-type: none"> • December 1939, offprint from <u>Journal of Aviation Medicine</u> vol. 10, no. 4, "An Analysis of the Physiological and Psychological Characteristics of Two Hundred Civil Air Line Pilots," RA McFarland, Ashton Graybid, Eric Lijescrantz, AD Tuttle, 53pp. • List of statistics to be included in chapter XXXV of <u>Medical History of the War</u>, vol. II, 2pp. • List of AFHQ medical files, 1p. • RCAF personnel strength statistics: wartime RCAF records office tabulations, 1939-1942, 2pp (3 copies); flying and ground 1942-1945, 2pp (3 copies); mid-month strength figures for RAF, RAAF, and RNZAF, Canada, 1941-1945, 2pp (2 copies); medical history of the war, RCAF section, Wartime RCAF medical Statistics, 136pp. |
| 58A 1 69.2 | <ul style="list-style-type: none"> • June 1941, report to the Associate Committee on Aviation Medical Research on flying accidents in the RCAF, 2pp. • July-October 1941, report on flying accidents, JATP, 1p. • [1941], report on hypotension in aviation, 4pp. • October 1941, offprint from <u>Canadian Public Health Journal</u>, "The New Immunization Program in the Royal Canadian Air Force," AH Sellers, 4pp (2 copies). • 29 January 1942, report by Sellers to the Associate Committee on Aviation Medical Research on tuberculosis in the RCAF in Canada, 1p. • December 1942, offprint from <u>Canadian Public Health Journal</u>, "The Immunization Program in the Royal Canadian Air Force," AH Sellers, 12pp (2copies). • 16 November 1942, report by Sellers, immunization program in the RCAF with special reference to diphtheria, 17pp. • 10 December 1942, report by Sellers, Electroencephalogram and Flying Aptitude, Report No 2: a study of 518 Pilot Trainees, 13pp, (3 copies). • 21 December 1942, report by Sellers, night visual capacity: an analysis of test results, 22pp. • June 1946, National Research Council History of the Associate Committee on Aviation Medical Research 1939-1945, 212 pp. |
| 58A 1 69.3 | <ul style="list-style-type: none"> • 1942-1945, Aircrew Medical Statistics (studies, report, memos, statistics) 363pp. |
| 58A 1 69.4 | <ul style="list-style-type: none"> • 1943, "RCAF Medical Records, Forms, Returns and Statistics", course for Officers (Admin) (medical) by Squadron Leader AH Sellers, 179pp. • Lecture, School of Aviation Nursing, 196pp. |

BOX 58A 1 70

| File number | Contents |
|-------------|--|
| 58A 1 70.1 | <ul style="list-style-type: none"> • 9 June 1943, memorandum, Visual Acuity and Flying Training, 7pp. • October 1943, photocopy of article by Sellers in <u>Canadian Journal of Public Health</u>, “The Contribution of the Associations Vital Statistics Section to National Vital Statistics,” 3pp. • 1943, statistics on the health of the Royal Air Force and Women’s Auxiliary Air Force, 49pp. • 1948, statistical report on the health of the army 1943-1945, 348pp. |
| 58A 1 70.2 | <ul style="list-style-type: none"> • 1943-1945, DMS circular orders, 319pp. • 10 June 1944, report on physical measurements of candidates for RCAF (WD), 11pp. • 16 June 1944, report on the relationship of visual acuity to success in navigator training, 6pp. • 15 September 1944, preliminary report on the incidence of optic and sinus barotrauma among flying personnel during decent in the low-pressure chamber, 17pp. • September 1944, offprint from <u>Canadian Journal of Public Health</u>, “Records and Statistics in Venereal Disease Control,” AH Sellers, 7pp. • 1944, RCK Ensor, “A Miniature History of the War”, 88pp. • 1944, offprint from the <u>Canadian Medical Association Journal</u>, “Medical care for the future. The need for medical manpower statistics,” AH Sellers, 5pp (2 copies). • 1944, U Army morbidity code, 228pp. |
| 58A 1 70.4 | <ul style="list-style-type: none"> • 1944-1945, central statistical authority (CSA), 120pp. • 14 January 1945, report on the relationship between Harvard step test scores and sickness in RCAF personnel at commencement of pre-flying training, 10pp. • January 1945, RCAF, medical conditioning programme for convalescing airmen, 17pp. • 9 July 1945, monthly statistical report on venereal disease for May 1945, 13pp. • 4 October 1945, monthly statistical report on venereal disease for July – August 1945, 22pp. • October 1945, offprint from <u>Canadian Journal of Public Health</u>, “Findings on Re-Schick Testing of air force personnel”, 5pp. |
| 58A 1 70.5 | <ul style="list-style-type: none"> • 20 July 1945, medical documentation, clinical records, medical returns, aviation medical statistics, 246pp. |

| File number | Contents |
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| | <ul style="list-style-type: none"> November 1946, <u>Journal of the Canadian Medical Services</u>, 129pp. |

BOX 58A 1 71

| File number | Contents |
|-------------------|--|
| 58A 1 71.1 | <ul style="list-style-type: none"> February 1946, offprint from <u>Canadian Journal of Public Health</u>, "Some Observations on Venereal Disease Control in the Royal Canadian Air Force," HW Tire, AH Sellers, RM Anderson and W Nichols, 14pp. June 1946, offprint from <u>Journal of Aviation Medicine</u>, "Electrocardiograms of Older Pilots," FAL Mathewson and AH Sellers, 28pp. December 1946, offprint from <u>Annals of Otology, Rhinology and Laryngology</u>, "A Statistical Analysis of Audiometric Surveys in the Royal Canadian Air Force" by JA Sullivan and Associates, 21pp. 1946, offprint from <u>Journal of the Canadian Medical Services</u>, "The RCAF Medical Statistics Section", 10pp (3 copies). 1946, report of the Inter-services Committee on Medical Documentations, 93pp. 1946, Statistical Methods, précis of lectures given at the Institute of Aviation Medicine, Toronto, 130pp. 1946-1954, proceedings of the Advisory Medical Committee to the RCAF, 3 vols. |

BOX 58A 1 72

| File number | Contents |
|---------------------|---|
| 58A 1 72.1-4 | <ul style="list-style-type: none"> 1952-1957, proceedings of the Advisory Medical Committee to the RCAF, 4 vols. 1946-1957, index to proceedings of the Advisory Medical Committee to the RCAF, 26pp. |

BOX 58A 1 73

| File number | Contents |
|--------------------|--|
| 58A 1 73.1 | <ul style="list-style-type: none"> • 1947, Canada's Defence Information on Canada's Defence Achievements and Organization, 44pp. • June 1948, nineteenth annual meeting of Aero Medical Association, 47pp. • December 1948, Defence Research Board Symposium, 63pp. • February 1949, typescript of article in <u>Lancet</u>, "Medical Statistics of the Army, Report on War Years," 5pp. • February 1949, offprint from <u>Canadian Journal of Public Health</u>, "Studies on Tetanus Immunization in the Royal Canadian Air Force, JM Marker, AD McUure, RF Farquharson, HA Sellers, 8pp. • May 1949, offprint from <u>Canadian Journal of Public Health</u>, "Wartime Diphtheria Experience in the Royal Canadian Air Force in Relation to the Use of Diphtheria Toxoid," AH Sellers, GD Caldbick, JB Hardie, 7pp. • 24 June 1949, "A Commentary on Some Aspects of Wartime RCAF Medical Statistics," AH Sellers, 9pp. • 4 July 1949, wartime medical statistics, 4pp. • 1946, "Morbidity During Wartime" 2pp. • 1949, offprint from <u>Canadian Medical Association Journal</u>, "Findings in Wartime Physical Examination of Volunteers for Air Force Service and Some Implications for the Future," AH Sellers, AAG Corbet, JB Hardie, GD Manderson, 7pp. • 1949, offprint from the <u>Canadian Medical Association Journal</u>, "Final Report on the Canadian Red Cross Food Parcels for Prisoners-of-War," FF Tisdall, M Wilson, J Mitchell, N Gerhaw, G Roud, JG McCreary, AH Sellers, 8pp. • 11 May 1951, public health reports. • 1954, report on the health of the Royal Canadian Air Force and Women's Services of the Royal Air Force for the year 1954, 73pp. |
| 58A 1 73.2 | <ul style="list-style-type: none"> • 8 November 1957, final report on the interim sub-committee on terms of reference for the Institute of Aviation Medicine Advisory Medical Committee to the RCAF, 237pp. |
| 58A 1 73.3 | <ul style="list-style-type: none"> • 1956, RCAF medical statistics, 98pp. • June 1957, proceedings, Advisory Medical Committee to the RCAF, 110pp. • 27 July 1957, offprint from <u>Journal of the American Medical Association</u>, "Training for the Practice of Aviation Medicine," by Col R Howard Larkay, 7pp. • November 1957, proceedings, Advisory Medical Committee to the RCAF, 92pp. |

| File number | Contents |
|-------------|--|
| 58A 1 73.4 | <ul style="list-style-type: none"> • November 1957, notebook, Advisory Medical Committee to the RCAF, 47pp. • 1957, RCAF Medical Statistics, 101pp. • 1958, RCAF Medical Statistics, 141pp. • 1959, <u>The Illustrated Review of Aviation</u>, 65pp • October 1950, Organization for Civil Defence, 48pp. |

BOX 58A 1 74

| File number | Contents |
|-------------|--|
| 58A 1 74.1 | <ul style="list-style-type: none"> • 1959, RCAF Medical Statistics, 139pp. • April 1960, mortality among RCAF personnel, a five-year review, 1954-1958, 13pp. • December 1961, hospitalization experience of aircrew and ground crew RCAF Canada and overseas, 1960, 33pp. • 1951, effects of an atomic bomb explosion on structures and personnel, prepared by DRB, 17pp. • March 1961, memorandum on Canadian Aviation Medicine, 8pp. • July 1951, offprint from <u>Canadian Journal of Public Health</u>, "Further Studies on the Use of a Combined Antigen-TABTD," by AH Sellers, GD Caldbuk, GG Waters, MJ Macquarrie, 6pp. • July – August 1961, offprint from <u>Medical Service Journal</u>, "Mortality Among RCAF Personnel – a Five-year Review," by AH Sellers, FH Thomas, 9pp. • 1961, RCN medical statistics, 35pp. • 1961, Canadian Army (Regular) medical statistics, 52pp. • 1961, RCAF medical statistics, 147pp. |
| 58A 1 74.2 | <ul style="list-style-type: none"> • January 1963, offprint from <u>Medical Services Journal</u>, "Hospital Morbidity Statistics," AH Sellers, 4pp (2 copies). • November 1963, offprint from <u>Canadian Journal of Public Health</u>, "TABTD – Polio Vaccine," RD Barron, AH Sellers et al, 7pp. • 1963, Canadian Forces medical statistics, 103pp. • 1964, Canadian Forces medical statistics, 157pp. • 1965, Canadian Forces medical statistics, 132pp. |
| 58A 1 74.3 | <ul style="list-style-type: none"> • 1966, Canadian Forces medical statistics, 139pp. • 1967, Canadian Forces medical statistics, 123pp. • 1968, Canadian Forces medical statistics, 93pp. |
| 58A 1 74.4 | <ul style="list-style-type: none"> • 1974, folio of cartoons by Ray Tracy, 15pp • List of AFHQ files re hygiene, preventive medicine and medical statistics, 24pp |

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| | <ul style="list-style-type: none">• Medical history of the war – RCAF section, Wartime RCAF medical statistics, 6pp.• A note on army medical statistics, 2pp.• Booklet “What They Eat to be Fit is Good for the Health of All Canadians,” 20pp.• Aviation otolaryngology (Army Air Forces School of Aviation Medicine, Randolph Field, Texas), 181pp.• 1944, USAAF handbook of recovery, 24pp. |
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