Grade 12 Provincial Tests: Policies and Procedures



Grade 12 Provincial Tests: Policies and Procedures

ISBN: 978-0-7711-6613-6

Copyright © 2024, the Government of Manitoba, represented by the Minister of Education and Early Childhood Learning.

Manitoba Education and Early Childhood Learning Winnipeg, Manitoba, Canada

Any websites referenced in this resource are subject to change without notice.

This resource is available on the Manitoba Education and Early Childhood Learning website at www.edu.gov.mb.ca/k12/assess/gr12/pol_proc/index.html.

Disponible en français.

Available in alternate formats upon request.

Contents

1.0	Intr	oduction	1
2.0	Prov	vincial Tests	1
3.0	Reg	istration	2
	3.1	Eligibility and Requirement to Write Provincial Tests	2
		3.1.1 Students Required to Write Provincial Tests	
		3.1.2 Students Eligible to Write Provincial Tests	
		3.1.3 Students Not Eligible to Write Provincial Tests	
	3.2	Rewriting a Provincial Test	5
	3.3	Adaptations to Provincial Tests	5
		3.3.1 Procedures for Requesting Adaptations	5
		3.3.2 Glossary of Adaptations	7
	3.4	Exemptions from Provincial Tests	<u>c</u>
		3.4.1 Procedures for Exemptions	g
		3.4.2 Reasons for Granting an Exemption	<u>c</u>
		3.4.3 Reasons for Which Exemptions Are Not to Be Granted	10
		3.4.4 Exemptions Due to Disrupted Test Administration	10
		3.4.5 Determining a Final Grade for Students Who Are Exempted or Excused	10
4.0	Adn	ninistration	11
	4.1	Missed Provincial Tests	11
		4.1.1 Student Absences and Deferrals	11
		4.1.2 Severe Weather/School Closures/Buses Not Running	12
	4.2	Late Arrivals/Leaving the Room	12
		4.2.1 Late Arrivals	12
		4.2.2 Leaving the Room	12
5.0	Alte	rnate Writing Sites	13
6.0	Loca	al Marking of Provincial Tests	14

7.0	Cheating and Plagiarism	14
8.0	Provincial Test Reread Policy	14
9.0	Return of Provincial Tests to Students	15
10.0	Reporting Provincial Test Results	
	10.1 Communicating Results to Students	15
	10.2 Communicating Results to the Department	15
	10.3 Departmental Reporting	15
	10.4 Reporting to the Public	15
11.0	Contact Information	16

1.0 Introduction

This document outlines the policies and procedures related to the registration of students, and the administration, local marking and reporting for provincial tests. It is one of a series of documents.

- Grade 12 Provincial Tests: Policies and Procedures
- Grade 12 Provincial Tests: Information Bulletin (one per subject area)
- Grade 12 Provincial Tests: Administration Manual (one per subject area)
- Grade 12 Provincial Tests: Marking Guide (one per provincial test)

Links to these documents and related documents are available on the Manitoba Education and Early Childhood Learning website at www.edu.gov.mb.ca/k12/assess/gr12/pol_proc/index.html.

2.0 Provincial Tests

Provincial tests are developed, administered, and marked in collaboration with classroom teachers who are knowledgeable and experienced in teaching the subject and grade level being assessed.

These criterion-based tests are intended to provide pertinent information about each student's knowledge and skills in relation to learning outcomes as set out in provincial curriculum documents. They count for **20 percent** of students' final course grades.

To ensure the validity, reliability, and fairness of the provincial tests, every effort has been made so that

- their content is consistent with the learning outcomes set out in the provincial curriculum documents (content validity)
- the method used to collect information about student performance and the strategies used to evaluate student responses are applied consistently. Tests are constructed to reflect consistency in content, form, and standards (reliability)
- all students are given an equal opportunity to demonstrate what they know and can do as part of the assessment process. Adaptations to administration procedures are available for all students to allow them to demonstrate their knowledge and skills. Every reasonable effort is made to develop and administer tests that are free from bias related to gender, culture, and other characteristics that are extraneous to the purpose of assessment (fairness)

Policies and Procedures ■

1

3.0 Registration

Schools register students for provincial tests near the beginning of each semester using the web application Provincial Test Student Registration (PTSR) available at https://web40.gov.mb.ca/ptsr.

The school that will be granting the 40S credit to a student is responsible for registering that student for the applicable provincial test, irrespective of the course delivery method used or the site at which the test will be administered.

3.1 Eligibility and Requirement to Write Provincial Tests

3.1.1 Students Required to Write Provincial Tests

Students enrolled in schools and seeking credit in the applicable 40S courses must be registered to write provincial tests, according to school program, as presented in the table below.

Mandatory Provincial Tests by School Program					
School Program	Mathematics*	Language Arts			
English	Applied Mathematics (40S) Essential Mathematics (40S) Pre-Calculus Mathematics (40S)	English Language Arts (40S)**			
Français	Mathématiques appliquées (40S) Mathématiques au quotidien (40S) Mathématiques pré-calcul (40S)	Français langue première (40S)			
French Immersion	Mathématiques appliquées (40S) Mathématiques au quotidien (40S) Mathématiques pré-calcul (40S)	Français arts langagiers — immersion (40S)***			

^{*}Mathematics

■ There is a separate test for each mathematics course.

- There is one test common to the three courses: Transactional Focus (40S), Literary Focus (40S), and Comprehensive Focus (40S). If a student is enrolled in more than one of these courses, the provincial test mark is applied to the course used to meet the requirement for graduation. The final grade in the other courses is 100% school-based.
- The English Language Arts (40S) provincial test is optional for students in the Français and French Immersion programs and may be administered to those students at the discretion of each school and/or school division.

■ The Français arts langagiers — immersion (405) provincial test is optional for students in the English program and may be administered to those students at the discretion of each school and/or school division.

^{**}English Language Arts

^{***}Français arts langagiers — immersion

Students following alternative programs such as the International Baccalaureate or Advanced Placement must meet Manitoba High School graduation requirements, including attaining credits in 40S mathematics and language arts courses. Therefore, the requirement to write provincial tests applies equally to these students.

Students, including those who qualify for exemptions, must be registered to write provincial tests if they are taking or retaking a 40S course to which a test applies, they have no provincial test mark on record for the course, and they are enrolled in

- public schools and funded independent schools
- institutional programs
- alternative education centres or continuing education programs, including Adult Learning Centres, where they take courses during the regular school day
- a school whose students are studying through a web-based course, television, or other alternate delivery method (e.g., Teacher Mediated Option—TMO, InformNet). Students must be registered by the school granting the 40S credit. See section 5.0 for information relating to alternate writing sites
- a school as exchange students seeking Manitoba Grade 12 credits
- non-funded independent schools or First Nations schools, and seeking
 Manitoba Grade 12 credit in the course to which a provincial test applies

For some students

- adaptations to test administration conditions may be provided (see section 3.3)
- an exemption from writing a test may be granted, by the school depending on the circumstances (see section 3.4)

Provincial tests are scheduled near the end of both semesters: January, and May or June of each school year. Schools are to schedule courses to which provincial tests apply so that students required to participate may do so at the scheduled date and time. This includes schools following alternative schedules (e.g., Copernican system) and Adult Learning Centres operating during the regular school day and calendar (e.g., semesters or terms).

Policies and Procedures ■ **3**

3.1.2 Students Eligible to Write Provincial Tests

Students who are eligible and not required to write a provincial test may participate formally or informally at the discretion of each school and/or school division. This includes

- students seeking a 40S credit for a course taken in an evening school or summer school
- exchange students not seeking Manitoba Grade 12 credits
- students enrolled in First Nations and non-funded independent schools who are not seeking Manitoba Grade 12 credits
- home school students while attending home school or immediately following completion and not seeking a Manitoba 40S credit, who would write at the high school in the catchment area of their home school (in this case, the school division is responsible for providing the student with this opportunity)
- students who have already participated in a test with a mark on record, whether currently enrolled in the course or not

For students retaking a course where the opportunity to write the applicable provincial test is not provided and is not required (e.g., summer school, night school), a past provincial test mark may, but is not required to, be applied to the final course grade.

If students participate formally, they need to be registered to write the provincial test through a school and participate according to normal procedures, including having a MET number. These students are subject to regular test administration, marking, and reporting policies and procedures. The department will include their results with the school and school division results.

3.1.3 Students Not Eligible to Write Provincial Tests

Provincial tests are not applicable to "M-designated," "L-designated," and "E-designated" (i.e., 40M, 40L, 40E) courses, and to Essential Mathematics 45S V and 45S VI. (Note: These half courses may not be taken concurrently or consecutively in the same school year; in such cases, the 40S credit applies.)

Students graduating from the Senior Years Technology Education Program may choose to fulfill the Grade 12 English language arts requirements with Language and Technical Communications. There is no provincial test associated with this course. Note that students pursuing a dual diploma must satisfy all of the requirements associated with both programs, including participating in provincial tests.

3.2 Rewriting a Provincial Test

A student may rewrite a provincial test at any future administration of the test after course requirements have been fulfilled, whether enrolled in the course or not. Students choosing to rewrite a test are subject to the normal registration, administration, marking, and reporting processes. No costs apply to rewriting a test. There is no limit to the number of times a student may rewrite a provincial test.

When a student rewrites a provincial test, the higher result becomes the student's official provincial test mark. There is only one provincial test mark for each student in each subject. Any resulting change to a course mark must be reported to the Education Administration Services Branch.

Note that a student retaking a course is not required to rewrite the associated provincial test. If the student would otherwise be required to participate in a provincial test (see section 3.1.1), the final grade for the course must include the provincial test mark weighted at 20 percent, whether the student chose to rewrite the test or not.

3.3 Adaptations to Provincial Tests

Manitoba Education and Early Childhood Learning is committed to equity of opportunity and fairness to students. Every reasonable effort is made to enable students to demonstrate learning in relation to the learning outcomes set out in the curriculum documents in the subject area that is being assessed.

3.3.1 Procedures for Requesting Adaptations

Adaptations are recorded at the time of registration when entering student data using the web application (Provincial Test Student Registration).

Adaptations must be recorded separately for each student for each test.

Department approval is not required for the provision of adaptations; however, the department reserves the right to request additional information on a case by case basis.

Adaptations should parallel, as much as possible, the provision of any adaptations that are provided on an ongoing basis to assist the student in accessing grade-level curriculum during classroom instruction and assessment activities. The provision of adaptations must be provided as per the Glossary of Adaptations in section 3.3.2. Adaptations are treated confidentially. More than one adaptation may be provided for a student.

Adaptations provided to a student must be done with the full knowledge of parents/legal guardians or the student if they have reached the age of majority.

Policies and Procedures ■ 5

Prior to administration of the test, adaptations may be revised **after the registration process**, should circumstances concerning a student change.

For questions regarding adaptations, for the English Language Arts and Mathematics tests, please contact the Provincial Assessment Program at 204-945-6156 or assesseval@gov.mb.ca.

For questions regarding adaptations, for the *Français* and French Immersion tests, please contact the Programme provincial d'évaluation at 204-945-6916 or BEFevaluation@gov.mb.ca.

3.3.2 Glossary of Adaptations

Subject	Adaptation
All	Use of a computer (101)
(except	The use of a computer may be allowed under the following conditions:
Applied Mathematics)	spell-check and/or grammar check are disabled*
Mathematics)	 work is saved on a removable memory device at the end of each test session and left with the supervising teacher
	work saved on the hard drive must be deleted
	 a printed copy of the students' answers must accompany the test booklets
	*Note: Spell check and grammar check may be enabled for deaf and hard-of-hearing students.
All	Alternate format (braille, large print, e-text, etc.) (102)
	Alternate formats of the test can be provided by the department upon request. Identify the required format in the request. Alternate marking sheets will be provided as needed.
All	Additional time (103)
	The total time should not exceed twice the scheduled time for any session. Continuous supervision is required during the extended periods.
	Note: Adaptations for additional time are not needed in the instances below:
	for the Mathematics tests, students may have up to 30 minutes of additional time
	 for the Français arts langagiers—immersion test, students may have an additional 30 minutes on Day 2 and Day 3
	for the Français langue première test, students may have an additional 30 minutes on Day 2 and Day 3
	 for the English Language Arts test, students may have an additional 30 minutes on Day 1, and an additional 30 minutes on Day 4
All	Supervised breaks/increased number and shorter sessions (104)
	Each session must be continuously supervised. In addition, in schools or school divisions where required, test booklets must be sent to the local marking site by 4:00 p.m. on the last day of the test.
All	Supervised alternate setting (105)
	A student may write the test in another location within the school. The student must be continuously supervised by a teacher or an educational assistant who is familiar with all of the testing procedures.
All	American Sign Language (ASL) (106)
	American Sign Language interpreters may interpret test questions and test instructions. This adaptation is available only to students who routinely receive this adaptation in the classroom. The ASL interpreter may not provide clarification or suggestions to the student.

Subject	Adaptation
All	Reading aloud outside the classroom (108)
	Students who require this adaptation must be accommodated in another room . The test instructions and/or test questions and/ or texts will be read aloud to the student by a supervising teacher or an educational assistant. The supervisor will not be allowed to provide clarification, interpretation, rephrasing, or translation.
ELA and Français	This adaptation is available only to students with a diagnosed reading disorder or visual impairment that interferes with the ability to decode/read written text, and who routinely receive this adaptation in the classroom.
All	Scribe (109)
	This adaptation allows for writing assistance for a student
	who experiences difficulty with fine motor coordination
	 who has other physical disabilities resulting in illegible handwriting
	whose disability inhibits the physical ability of writing
	It is intended for students who normally require a scribe in the classroom or who have recently been incapacitated. Students who require this adaptation must be accommodated in another room , and express their answers orally in the language of the test.
	The scribe is allowed during all sections of the test. The scribe must write exactly what the student offers. The scribe may reread the student's response to the student. Only the student may edit or rephrase responses.
ELA	Note the following implications for marking:
	The writing task will not be assessed on grammar, spelling, capitalization, and punctuation.
Français arts langagiers-	Alternate test materials and/or marking sheets will be provided, as
langagiers-	needed.
langagiers- immersion	needed. For the writing task, all components of the Respect des règles de la langue with the exception of grammaire and orthographe will be assessed.
	For the writing task, all components of the Respect des règles de la langue with the exception of grammaire and orthographe will be
immersion Français langue	For the writing task, all components of the Respect des règles de la langue with the exception of grammaire and orthographe will be assessed. For the writing task, all elements of the Respect des règles de la langue will be assessed, with the exception of orthographe d'usage

3.4 Exemptions from Provincial Tests

All students required to write provincial tests must be registered for the applicable tests, including those who qualify for exemptions (see section 3.1.1).

3.4.1 Procedures for Exemptions

Exemptions must be determined on an individual student basis and for each test separately. The decision to grant (see section 3.4.2) an exemption should be made with the full knowledge and signed consent of the student's parent/guardian, or the student if the student has reached the age of majority.

The names of students exempted and the reasons for the exemptions must be submitted at the time of student registration for provincial tests using the web application.

An exemption may be revised after the registration process by contacting the department (see section 11.0).

3.4.2 Reasons for Granting an Exemption

Departmental approval is not required for the following exemptions; however, the department reserves the right to request additional information on a case-by-case basis.

Emotional/psychological condition or circumstance (Code 60)

Student has an emotional or psychological condition or there are circumstances causing emotional or psychological distress that interfere significantly with the student's ability to demonstrate their knowledge and skill, even with adaptations, or that could result in harm to the student if participating in the test.

Other reason (Code 69)

Other reasons specific to the completion of the provincial test based on identified diverse learning needs for which adaptations would not be suitable and/or for other student-specific reasons that preclude participation in the test.

Note: Provincial tests do not apply to students in a 40E, 40L, or 40M course; therefore, students in these courses should not be registered for provincial tests (see section 3.1.3). Since these students are not to be registered for these tests, exemptions do not apply.

Note: School personnel are encouraged to send an email to the department (see section 11.0) to review the reason for any other type of specific exemption. Usually the situation results in the provision of an adaptation rather than a full exemption.

Policies and Procedures **9**

3.4.3 Reasons for Which Exemptions Are Not to Be Granted

The following reasons are **not** appropriate to exempt students from provincial tests in 40S courses to which a provincial test applies.

- Student is working on an "M-designated" course. Student progress is assessed based on achievement of the expected learning outcomes identified in the Curriculum Modification Plan.
- Student has an identified need and requires adaptations consistently in order to meet or approximate the learning expectations of the provincial curriculum. (Adaptations do not change the learning outcomes. Adaptations to the testing procedures to accommodate student needs are permitted, but an exemption from the provincial test due to such adaptations is not appropriate unless the adaptation required goes beyond what is available for the test.)
- Student is a low achiever, significantly behind peers, or has difficulty reading and writing.
- Student is an EAL (English as an additional language) student registered in 40S courses or is enrolled in *Francisation* and is registered in 40S courses.
 (Such a student working towards obtaining 40S credits is required to write provincial tests. Adaptations, such as additional time, are permitted.)
- Student has not completed the course. The administration manual provides information about deferring the provincial test.

3.4.4 Exemptions Due to Disrupted Test Administration

If a test session is interrupted (e.g., due to a fire alarm) such that students have an opportunity to discuss test content in a manner that compromises test validity, the students involved should be exempted and the department must be notified (see section 11.0).

3.4.5 Determining a Final Grade for Students Who Are Exempted or Excused

Once an exemption is granted, it is the school's responsibility to assess the student and assign a final grade. The student's report card must indicate that there is "no mark" for the provincial test.

4.0 Administration

Principals must ensure that tests are administered in accordance with administration procedures in the prescribed time frame and in such a way as to avoid the possibility of collusion among students. Principals are responsible for ensuring that test materials remain secure and unopened until test administration. Further information is provided in the administration manual.

4.1 Missed Provincial Tests

4.1.1 Student Absences and Deferrals

Students who are absent on the day(s) of a provincial test or who are unable to complete (all or part of) the test due to circumstances beyond their control (e.g., sudden illness, death in the family, family crisis, incapacity resulting from an accident) are governed by school or school division policy concerning student absences during final tests (e.g., requirement for a physician's note explaining illness). Reasons for excused absences are documented on the student's *Demographic Data Form* provided with the test materials or on the form *Students without a Demographic Data Form*.

Since provincial tests cannot be rescheduled outside of the specified administration dates, schools will have the responsibility of providing a final course grade to students for whom the school has granted an excused absence. These students' report cards must indicate "no mark" for the provincial test.

Students who are absent **without** a legitimate reason (e.g., track meet, family vacation) or who refuse to write any part of a provincial test (by their own or by parental choice) will receive a mark of 0% for the parts of the test missed. For students attending out-of-school events, please see section 5.0.

Students who are suspended at the time of test administration and receiving the 40S course credit are required to write the test. The school is responsible for arrangements (e.g., at an alternate site; see Section 5.0).

A deferral is recorded if the student is continuing the course beyond the expected end date. The requirement to write the test is the same as for other students who do not have a test mark on record and are seeking a 40S credit.

4.1.2 Severe Weather/School Closures/Buses Not Running

Students are excused from a provincial test and assigned a school-based mark for a course when they are unable to write a provincial test at the prescribed time due to

- school closures
- school buses not running as a result of inclement weather
- other similar circumstances

"No mark" for the provincial test is indicated on these students' report cards. In such an event, principals must advise the department of the circumstances in writing (see section 11.0).

Normally, disruptions to instruction occurring prior to a provincial test are not grounds for excusing or exempting students from a test. Extreme circumstances should be communicated in writing to the department (see section 11.0).

Note: Students who miss a provincial test may write the test at a future administration date (see section 3.2).

In such circumstances (disruption), the four-day schedule of the English Language Arts test may be compressed to permit students to participate in or complete the test and have it count as a provincial test. Whether to do so is a local decision.

4.2 Late Arrivals/Leaving the Room

4.2.1 Late Arrivals

For each test, there is a time after administration begins at which students arriving late may be permitted to write the test. Unless otherwise stipulated in the administration manual, the following procedures apply to late arrivals.

- Students who arrive late and within the first half of the normal duration of test administration are allowed to write that test. In this case, the supervising teacher may allow the student additional time corresponding to the amount by which the student was late, if the teacher believes this is appropriate given the particular circumstances.
- Students who arrive after the halfway point of any test session are not permitted to write and are considered absent (see section 4.1.1).

4.2.2 Leaving the Room

A student leaving the room temporarily must be supervised.

5.0 Alternate Writing Sites

If a suitable arrangement can be made in collaboration with the department, students who are required to be away from their regular school site or outside Manitoba to participate in a provincial, national, or international event (e.g., educational, cultural, sporting) during the administration of a provincial test may write the test at an alternate site. Students whose teachers are at distance, such as those receiving alternate course delivery methods within the province (InformNet, Teacher Mediated Option, etc.), are required to write provincial tests. These students may do so at an alternate writing site (see instructions on following page).

If a student is required to write a test at an alternate site, the principal must inform the department in writing **no later than eight weeks prior to the test administration date** (see section 11.0). The request must include the student's name and MET number as well as a brief description of the event and the circumstances in which the student will find themselves at the time of the test. The department will then decide if the student is required (or not) to write the test at an alternate site.

Where a student will be writing a test at an alternate site, the principal is responsible for

- making all the necessary arrangements to ensure that the provincial test is written during the scheduled time period under the prescribed conditions
- identifying a writing site (educational institution)
- receiving approval from the site manager at the alternate writing site (e.g., principal)
- identifying and arranging for appropriate supervision (e.g., classroom teacher, principal)
- ensuring that the test supervisor at the site is prepared to administer the test under the prescribed conditions, including reading the administration manual and communicating in the language of the test

In most cases, the department covers the costs of sending test materials to and from alternate writing sites. In cases where costs for alternate testing sites are considered excessive, schools and/or school divisions may be asked to reimburse the department.

Final responsibility for the administration and marking of the test remains with the school and/or school division in which the student is enrolled. If it has been determined by the department that the student cannot write the test at an alternate site, the test may be deferred until the next administration or, at the discretion of each school and/or school division, the absence can be designated as excused or unexcused.

Policies and Procedures ■ 13

6.0 Local Marking of Provincial Tests

Superintendents of school divisions and principals of funded independent schools are responsible for ensuring that provincial tests are marked and results are reported according to prescribed procedures and guidelines.

Provincial tests are locally marked and individual student results are reported locally. Training sessions and/or training materials related to the marking and reporting of results will be made available.

The department provides a marking guide containing answer keys, scoring rubrics, and exemplars of scored responses. This document assists with the training of local markers and serves as a guide for local marking sessions.

The department provides financial support to funded independent schools and to school divisions for each test that counts as a provincial test, **provided that all associated materials are returned to the department on time**. The purpose of the funding is to provide release time for training and marking the tests.

7.0 Cheating and Plagiarism

Cheating and plagiarism result in a provincial test mark of 0%. It is the responsibility of each school and/or school division to investigate allegations of cheating or plagiarism and to judge whether such a case has occurred. Cases need to be reported to the department using report forms provided with the test or marking materials, or by writing a letter (see section 11.0).

8.0 Provincial Test Reread Policy

As the reporting of individual student scores on locally marked provincial tests is the responsibility of each school and/or school division, the reread policy for these tests is determined locally.

Should a reread be requested for a test booklet that has been sent to the department as a part of the sample for the feedback on the marking process, the department will return a photocopy of the test booklet upon request.

9.0 Return of Provincial Tests to Students

Whether test booklets are retained by school divisions or returned to students is a matter to be addressed and determined by the records management policy of each school division. For further information concerning the recommended records retention schedule, please consult the *Guidelines on the Retention and Disposition of School Division/District Records* available on the Manitoba Education and Early Childhood Learning website at www.edu.gov.mb.ca/k12/docs/policy/retention/index.html.

10.0 Reporting Provincial Test Results

10.1 Communicating Results to Students

The Grade 12 provincial tests count for **20 percent** of students' final course grades. When showing final grades on report cards and in school files, provincial test results must be indicated separately from final course grades.

10.2 Communicating Results to the Department

Following local marking, schools and/or school divisions submit to the department all completed scoring sheets for students whose test results will count as a provincial test mark. The department provides data capture services and divisional and school reports to school division superintendents and funded independent school principals. Reports are typically delivered within three months of test administration.

10.3 Departmental Reporting

The department prepares a report for each school and/or school division based on the re-marking of a sample of test booklets at the department. The report contains information regarding the degree of agreement between marks allocated locally and those awarded from central marking of the jurisdictional sample.

10.4 Reporting to the Public

Schools and school divisions are to include an analysis of their results in a report to the community, along with appropriate contextual background information.

11.0 Contact Information

For questions regarding the English Language Arts and Mathematics tests, please contact the Provincial Assessment Program at 204-945-6156 or email assesseval@gov.mb.ca.

For questions regarding the *Français* and French Immersion tests, please contact the Programme provincial d'évaluation at 204-945-6916 or BEFevaluation@gov.mb.ca.