

FLORIDA DEPARTMENT OF STATE

DIVISION OF ELECTIONS

ELECTION NIGHT REPORTING

2010 FILE SPECIFICATIONS

PURPOSE

To establish mandatory election results file specification that are effective for the 2010 elections. To make election night reporting more efficient and uniform by creating standards followed by all counties and voting system vendors. To create file specifications that contain common codes identifying who the results are from, each contest and ballot item, as well as information regarding the reporting status and a summary of each contest. To create a standard yet versatile file that can be used to meet numerous reporting requirements and report election results on a variety of levels, including state totals, county totals, and precinct level results. The description fields can also be written in a variety of languages.

Election Night Reporting – 2010 File Specifications**TERMS & DEFINITIONS****Pertaining to a Specific Contest**

- **Votes Cast**: The summation of votes cast for ballot items that are not write-ins where the sum of votes cast plus write-ins is less than or equal to the number to vote for in a specific contest.
- **Write-In Votes**: The summation of write-in votes where the sum of write-ins plus votes cast is less than or equal to the number to vote for in a specific contest.
- **Total Votes**: The sum of votes cast plus write-in votes as defined above.
- **Over Votes**: When the sum of votes cast plus write-ins is greater than the number to vote for in a specific contest, it is counted as one over vote for the contest.
- **Under Votes**: If total votes is less than or equal to the number to vote for, then subtract the total votes from the number to vote for. If the system counts blank votes (as defined below) then under votes are recorded only when there is a vote for more than one contest and at least one vote is cast but less than the required number to vote for.
- **Blank Votes (optional)**: If there is no vote selection at all for a contest, then it is counted as one blank vote.

Pertaining to the Overall Election

- **Election Turnout** will be calculated by counting page one of the ballot or by adding a shadow race that appears on the first page of every ballot style

RULES

- **Codes**: Many of the fields require the use of defined codes. All of the codes referred to in the specifications are located on the Division's web site (<http://soe.dos.state.fl.us/>) under the Contest Codes link. On the Contest Code page is a Miscellaneous Codes link to which has all of the codes listed.
 - **Contest Codes**: The contest code is a six digit number that contains district/circuit/group information for the contest. The Division has defined all of the state level contests and many of the county level contests, as derived from the Notice of General Election. On the Contest Code page is a link to How to Define Local Contest Codes.
 - **Candidate Numbers**: The candidate number starts at 10 and increments at 10 following ballot order, see '*Election/Contest Identifiers (Field 5)*' under the Miscellaneous Codes link.
 - **Contest Information**: The contest identifiers that are less than 10 and greater than 999 indicate specific information regarding the contest, such as contest description, precincts reporting, over votes, under votes and total votes cast. Since statutory reporting requirements for extraneous election information can change, it is ideal for the user to be able to select which items to include in the report. (See '*Election/Contest Identifiers (Field 5)*' under the Miscellaneous Codes link)

Election Night Reporting – 2010 File Specifications**RULES (CONTINUED)**

- **Universal Primary Contests** (UPC) – if defined as multiple contests, the results will be reported together as a summation of votes for one contest using the appropriate contest code.
- **Presidential Preference Primary** – will be reported as a county total on election night. Congressional District breakdowns will be reported on the county canvass certificate.

FILE CONVENTIONS

- **Filename:** The file naming convention for a file written in English is as follows: “ElecResults”ResultFileType_CountyAbbr_DatetimeStamp.txt using local military time in the date stamp (i.e. Alachua’s file is ElecResults10_ALA_20080129191504.txt or ElecResults20_ALA_20080129191504.txt). If not English then add “_LanguageCode” after the date stamp: ElecResults20_ALA_20080129191504_SPA.txt
- **Transfer Method:** File can be transferred to the Division by FTP or uploaded via the web.
- **File Format:** The fields will be tab delimited with a carriage return, line feed at the end of each record. Character fields will not have quotes around them.

FILE RESULT TYPES

The specifications cover two different types of election results that must be produced per statute.

- **Election Night Summary Results:** This results file contains the summary election results that the counties must submit to the Division of Election on election night per Florida Statute 102.141(4).
- **Post Election Precinct Results:** This results file contains the precinct election results that the counties must submit to the Division of Election within 45 days of the election per Florida Statute 98.0981.

Election Night Reporting – 2010 File Specifications**FILE LAYOUT**

- **Record Types:** The results file is made up of various types of records.
 - **Identification Record (IDR)** - who created the file
 - **Election Identification Record (EIR)** – what election is it
 - **Election Results Type Record (ERR)** – what type of election results is being reported
 - **Election Turnout Record (ETR)** – overall turnout for the election
 - **Election Precinct Reporting Record (EPR)** – overall precinct information
 - **Election Reporting Status Record (ERS)** – overall reporting status for absentee and early voting
 - **Contest Information Record (CIR)** – what contest is it
 - **Contest Precinct Reporting Record (CPR)** – contest precinct reporting information
 - **Contest Results Record (CRR)** – the various contest ballot items (candidate name, yes, no)
 - **Contest Other Votes Record (COR)** – votes that cannot be applied to a contest ballot item such as over votes, under votes and blank votes
 - **Contest Total Votes Cast Record (CTV)** – contest total votes cast
 - **Precinct Information Record (PIR)** – what precinct is it

- **Record Fields:** All records have eight fields. For the Election Night Summary Results, the combination of field one and field five make each record unique. For the Post Election Precinct Results, the combination of field one, four and five make each record unique. Many of the fields contain defined codes that must be used. The specific data in each field is dependent on the record type.
 - **Field 1** – is a 6 digit numeric field but leading zeroes are required; it contains the election information code or the contest code
 - **Field 2** – always contains the county code
 - **Field 3** – the language code, election type code, election results code, or precinct label
 - **Field 4** – election date, reporting level/precinct id or indicate if contest has write-ins
 - **Field 5** – county id number, results file type code, or election/contest identifier
 - **Field 6** – turnout, number precincts reporting, memory devices reporting, number to vote for, precinct ID, or votes
 - **Field 7** – voter registration, total number of precincts, total number of memory devices, total number of choices or total votes
 - **Field 8** – always contains the “description” for the record

Election Night Reporting – 2010 File Specifications

RECORD LAYOUT

Identification Record (IDR)			
Field	Name	Format	Value/Description
1	Election Information Code	Numeric	000000: 6 digits - Leading Zeroes Required <i>See Election Information Codes</i>
2	County Code	Char	<i>See State/County Codes</i>
3	Language Code	Char	The language the description fields are in. <i>See Language Codes</i>
4	Blank	Char	
5	County Number	Numeric	<i>See State/County Codes</i>
6	Blank	Numeric	0
7	Blank	Numeric	0
8	Description	Char	County Description

Example: 000000 ALA ENG 12001 0 0 Alachua County

Election Identification Record (EIR)			
Field	Name	Format	Value/Description
1	Election Information Code	Numeric	010000: 6 digits - Leading Zeroes Required <i>See Election Information Codes</i>
2	County Code	Char	<i>See State/County Codes</i>
3	Election Type Code	Char	<i>See Election Type Codes</i>
4	Election Date	Char	m/d/yyyy or mm/dd/yyyy
5	Election/Contest Identifier	Numeric	0 – election information
6	Blank	Numeric	0
7	Blank	Numeric	0
8	Description	Char	Election Description

Example: 010000 ALA PRI 8/26/2008 0 0 0 2008 Primary Election Results

Election Results Type Record (ERR)			
Field	Name	Format	Value/Description
1	Election Information Code	Numeric	020000: 6 digits - Leading Zeroes Required <i>See Election Information Codes</i>
2	County Code	Char	<i>See State/County Codes</i>
3	Blank	Char	
4	Blank	Char	
5	Results File Type Code	Numeric	<i>See Results File Type Codes</i>
6	Blank	Numeric	
7	Blank	Numeric	
8	Description	Char	Results File Description

Example: 020000 ALA 10 0 0 Election Night Results By County

020000 ALA 20 0 0 Post Election Precinct Results

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Election Turnout Record (ETR)			
Field	Name	Format	Value/Description
1	Election Information Code	Numeric	6 digits - Leading Zeroes Required 030000 – Overall Turnout 03000P – Overall Primary Party Turnout See <i>Election Information Codes</i>
2	County Code	Char	See <i>State/County Code</i>
3	Election Results Code	Char	See <i>Election Results Codes</i>
4	Blank	Char	
5	Election/Contest Identifier	Numeric	0 – election information
6	Turnout	Numeric	
7	Voter Registration	Numeric	
8	Description	Char	Turnout Description

Example: 030000 ALA OT 0 100 1580 Overall Primary Turnout
 030001 ALA REP 0 60 680 Republican Turnout
 030002 ALA DEM 0 30 340 Democrat Turnout
 030009 ALA NOP 0 40 410 NonPartisan Turnout
 030000 ALA GEN 0 300 2340 General Turnout

Election Precincts Reporting Record (EPR)			
Field	Name	Format	Value/Description
1	Election Information Code	Numeric	040000: 6 digits - Leading Zeroes Required See <i>Election Information Codes</i>
2	County Code	Char	See <i>State/County Code</i>
3	Blank	Char	
4	Blank	Char	
5	Election/Contest Identifier	Numeric	0 – election information
6	Precincts Reporting	Numeric	
7	Total Number Precincts	Numeric	
8	Description	Char	Precinct Reporting Type Description

Example: 040000 ALA 0 6 60 Precincts Reporting

Election Reporting Status Record (ERS)			
Field	Name	Format	Value/Description
1	Election Information Code	Numeric	6 digits - Leading Zero Required 050020: Absentees Reporting Status 050030: Early Voting Reporting Status See <i>Election Information Codes</i>
2	County Code	Char	See <i>State/County Code</i>
3	Blank	Char	
4	Blank	Char	
5	Election/Contest Identifier	Numeric	0 – election information
6	Memory Devices Reporting	Numeric	
7	Total Number of Memory Devices Defined	Numeric	
8	Description	Char	Reporting Type Description

Example: 050020 ALA 0 1 3 Absentee Memory Device
 050030 ALA 0 4 10 Early Voting Memory Device

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Contest Information Record (CIR)			
Field	Name	Format	Value/Description
1	Contest Code	Numeric	6 digits - Leading Zeroes Required See Contest Codes (http://soe.dos.state.fl.us/)
2	County Code	Char	See <i>State/County Code</i>
3	Election Results Code	Char	See <i>Election Results Codes</i>
4	Has Write-Ins	Char	Yes/No
5	Election/Contest Identifier	Numeric	0 – contest information
6	Number to Vote For	Numeric	
7	Total Number of Choices	Numeric	
8	Description	Char	Description of Race

Example: 120031 ALA REP No 0 1 2 U.S. Rep Dist 3 (REP)
 320002 ALA DEM No 0 1 3 Property Appraiser (DEM)
 150080 ALA GEN No 0 1 4 State Attorney Circuit 8

Contest Precincts Reporting Record (CPR)			
Field	Name	Format	Value/Description
1	Election Information Code	Numeric	6 digits - Leading Zeroes Required See Contest Codes (http://soe.dos.state.fl.us/)
2	County Code	Char	See <i>State/County Codes</i>
3	Election Results Code	Char	See <i>Election Results Codes</i>
4	Reporting Level	Char	COU (county)
5	Election/Contest Identifier	Numeric	1 – precinct reporting information
6	Number Precincts Reporting	Numeric	
7	Total Number Precincts	Numeric	
8	Description	Char	Precincts Reporting Description

Example: 120031 ALA REP COU 1 6 60 Precincts Reporting
 320002 ALA DEM COU 1 4 45 Precincts Reporting
 150080 ALA GEN COU 1 6 60 Precincts Reporting

Precinct Information Record (PIR)			
Field	Name	Format	Value/Description
1	Contest Code	Numeric	6 digits - Leading Zeroes Required See Contest Codes (http://soe.dos.state.fl.us/)
2	County Code	Char	See <i>State/County Code</i>
3	Precinct Label	Char	Precinct as designated in registration system
4	Reporting Level; Precinct ID	Char	PCT followed by Precinct ID ie) PCT11
5	Election/Contest Identifier	Numeric	2 – precinct information
6	Precinct ID	Numeric	As in tabulation system
7	Blank	Numeric	0
8	Description	Char	Precinct Description and Location if available

Example: 120031 ALA 5C PCT11 2 11 0 Precinct 5C at Northeast Library
 320002 ALA 115 PCT115 2 115 0 Precinct 115 at 1300 Main St.

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Contest Results Record (CRR)			
Field	Name	Format	Value/Description
1	Contest Code	Numeric	6 digits - Leading Zeroes Required See Contest Codes (http://soe.dos.state.fl.us/)
2	County Code	Char	See <i>State/County Codes</i>
3	Election Results Code	Char	See <i>Election Results Codes</i>
4	Reporting Level; Precinct ID	Char	COU (county) or PCT (precinct) with Precinct ID ie) COU or PCT11
5	Election/Contest Identifier	Numeric	The number should start at 10 and increment by 10 following Ballot Order
6	Votes	Numeric	
7	Total Votes	Numeric	
8	Description	Char	Candidate Name/Issue Title/Retention Name

Example:

120031	ALA	REP	COU	10	1	3	Fred Flinstone
120031	ALA	REP	COU	20	2	3	Barney Rubble
320002	ALA	DEM	PCT5	10	3	12	Wilma Flinstone
320002	ALA	DEM	PCT5	20	4	12	BamBam Rubble
320002	ALA	DEM	PCT5	30	5	12	Betty Rubble
150080	ALA	GEN	COU	10	6	22	Fred Flinstone
150080	ALA	GEN	COU	20	7	22	Wilma Flinstone
150080	ALA	GEN	COU	30	8	22	Mr. Slagworth
150080	ALA	GEN	COU	999	1	22	Write-In

Contest Other Votes Record (COR)			
Field	Name	Format	Value/Description
1	Contest Code	Numeric	6 digits - Leading Zeroes Required See Contest Codes (http://soe.dos.state.fl.us/)
2	County Code	Char	See <i>State/County Codes</i>
3	Election Results Code	Char	See <i>Election Results Codes</i>
4	Reporting Level; Precinct ID	Char	COU (county) or PCT (precinct) with Precinct ID ie) COU or PCT11
5	Election/Contest Identifier	Numeric	See <i>Election/Contest Identifiers (Field 5)</i> under <u>Miscellaneous Codes</u> on the SOE web site to see which items are required for each File Type 1000 - 1299
6	Votes	Numeric	
7	Blank	Numeric	0
8	Description	Char	Other Votes Description

Example:

120031	ALA	REP	COU	1000	1	0	Total Over Votes
120031	ALA	REP	COU	1100	10	0	Total Under Votes
120031	ALA	REP	COU	1200	0	0	Total Blank Votes

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150080	ALA	GEN	PCT5	1000	4	0	Total Over Votes
150080	ALA	GEN	PCT5	1010	2	0	Over Votes by Precinct
150080	ALA	GEN	PCT5	1020	1	0	Over Votes by Absentee
150080	ALA	GEN	PCT5	1030	1	0	Over Votes by Early Voting
150080	ALA	GEN	PCT5	1040	0	0	Over Votes by Provisional
150080	ALA	GEN	PCT5	1050	0	0	Over Votes by Overseas
150080	ALA	GEN	PCT5	1090	0	0	Over Votes by Other
150080	ALA	GEN	PCT5	1100	1	0	Total Under Votes
150080	ALA	GEN	PCT5	1110	2	0	Under Votes by Precinct
150080	ALA	GEN	PCT5	1120	1	0	Under Votes by Absentee
150080	ALA	GEN	PCT5	1130	1	0	Under Votes by Early Voting
150080	ALA	GEN	PCT5	1140	0	0	Under Votes by Provisional
150080	ALA	GEN	PCT5	1150	0	0	Under Votes by Overseas
150080	ALA	GEN	PCT5	1190	0	0	Under Votes by Other

Contest Total Votes Cast Record (CTV)

Field	Name	Format	Value/Description
1	Contest Code	Numeric	6 digits - Leading Zeroes Required See Contest Codes (http://soe.dos.state.fl.us/)
2	County Code	Char	See <i>State/County Codes</i>
3	Election Results Code	Char	See <i>Election Results Codes</i>
4	Reporting Level; Precinct ID	Char	COU (county) or PCT (precinct) with Precinct ID ie) COU or PCT11
5	Election/Contest Identifier	Numeric	See <i>Miscellaneous Codes</i> 1300 required for results type 10 1300 to 1340 required for results type 20
6	Total Votes Cast	Numeric	
7	VoterRegistration	Numeric	
8	Description	Char	Total Votes Cast

Example:

120031	ALA	REP	COU	1300	14	1580	Total Votes Cast
320002	ALA	DEM	PCT5	1300	17	1264	Total Votes Cast
320002	ALA	DEM	PCT5	1310	7	1264	Total Votes Cast by Precinct
320002	ALA	DEM	PCT5	1320	4	1264	Total Votes Cast by Absentee
320002	ALA	DEM	PCT5	1330	4	1264	Total Votes Cast by Early Voting
320002	ALA	DEM	PCT5	1340	2	1264	Total Votes Cast by Provisional
320002	ALA	DEM	PCT5	1350	0	1264	Total Votes Cast by Oversea
150080	ALA	GEN	COU	1300	26	4210	Total Votes Cast

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Field Requirements by Record Type										
	Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7	Field 8	1 or M	Results Type
Identification Record (IDR)	Information Code	County Code	Language Code		County ID Number			Text Narrative	1	Summary Precinct
Election Identification Record (EIR)	Information Code	County Code	Election Type Code	Election Date	Election/Contest Identifier			Text Narrative	1	Summary Precinct
Election Results Type Record (ERR)	Information Code	County Code			Results File Type Code			Text Narrative	1	Summary Precinct
Election Turnout Record (ETR)	Information Code	County Code	Election Results Code		Election/Contest Identifier	Turnout	Voter Registration	Text Narrative	GEN: 1 PRI: M	Summary Precinct
Election Precinct Reporting Record (EPR)	Information Code	County Code			Election/Contest Identifier	Precincts Reporting	Total Number of Precincts	Text Narrative	1	Summary Precinct
Election Reporting Status Record (ERS)	Information Code	County Code			Election/Contest Identifier	Memory Devices Reporting	Total Number of Memory Devices	Text Narrative	M	Summary
Contest Information Record (CIR)	Contest Code	County Code	Election Results Code	Has Write-ins	Election/Contest Identifier	Number to Vote For	Total Number of Choices	Text Narrative	M	Summary Precinct
Contest Precinct Reporting Record (CPR)	Contest Code	County Code	Election Results Code	Reporting Level	Election/Contest Identifier	Precincts Reporting	Total Number of Precincts	Text Narrative	M	Summary Precinct
Precinct Information Record (PIR)	Contest Code	County Code	Voter Reg. Precinct Label	Reporting Level; Precinct ID	Election/Contest Identifier	Tab Sys Precinct ID		Text Narrative	M	Precinct
Contest Results Record (CRR)	Contest Code	County Code	Election Results Code	Reporting Level; Precinct ID	Election/Contest Identifier	Votes for Candidate/ Ballot Item	Contest Total Votes	Text Narrative	M	Summary Precinct
Contest Other Votes Record (COR)	Contest Code	County Code	Election Results Code	Reporting Level; Precinct ID	Election/Contest Identifier	Votes		Text Narrative	M	Summary Precinct
Contest Total Votes Cast Record (CTV)	Contest Code	County Code	Election Results Code	Reporting Level; Precinct ID	Election/Contest Identifier	Contest Total Votes Cast	Voter Registration	Text Narrative	M	Summary Precinct

Election Night Reporting – 2010 File Specifications

Field Data Sample by Record Type								
	Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7	Field 8
Identification Record (IDR)	000000	ALA	ENG		12001	0	0	Alachua County
Election Identification Record (EIR)	010000	ALA	PRI	8/26/2008	0	0	0	2008 Primary Election
Election Results Type Record (ERR)	020000	ALA			10	0	0	Election Night Summary
Election Turnout Record (ETR)	030000	ALA	OT		0	23894	84993	Overall Primary Turnout
	03000P							
	030002	ALA	DEM		0	13948	48339	Democratic Turnout
Election Precinct Reporting Record (EPR)	040000	ALA			0	12	60	Precincts Reporting
Election Reporting Status Record (ERS)	050020	ALA			0	2	4	Absentees Reporting Status
	050030	ALA			0	6	10	Early Voting Reporting Status
Contest Information Record (CIR)	100000-999999							
	200101	ALA	REP	No	0	1	2	Republican State Rep Dist 10
Contest Precinct Reporting Record (CPR)	100000-999999							
	200101	ALA	REP	COU	1	6	30	Precincts Reporting
Precinct Information Record (PIR)	100000-999999							
	200101	ALA	15C	PCT15	2	15		Precinct 15 – NE Library
Contest Results Record (CRR)	100000-999999 200101	ALA	REP	COU	10	88	201	Lenard Bemby
Contest Other Votes Record (COR)	100000-999999							
	200101	ALA	REP	COU	1000	3		Over Votes
Contest Total Votes Cast Record (CTV)	100000-999999							
	200101	ALA	REP	COU	1300	204	17394	Total Votes Cast