

TO: DATAIR's Pension System Users  
FROM: Andrew C. Hoskins  
DATE: December 31, 2011  
RE: Release 3.44 of the PE/DOS PENSION SYSTEM

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The enhancements to the PE/DOS system are listed below and on the enclosed list, but they can also be seen in the system by pressing Alt-F1.



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**Changes to Release 3.44****December 31, 2011**

## 1. Added 2012 Cost of Living increases.

	2011	2012
415 DC \$ limit	49,000	50,000
415 DC % limit	100%	100%
415 DB \$ limit	16,250	17,000
401(a)(17)	245,000	250,000
414(q)	110,000	115,000
401(k) & 403(b)	16,500	17,000
457	16,500	17,000
Catch-Up	5,500	5,500
TWB	106,800	110,100
Avg annual wage	40,711.61	41,673.83 (2009, 2010)
Bend points	749	767
	4,517	4,624

**\*\*\*\* Changes to Defined Contribution Release 3.44 December 31, 2011**

1. 401(k) Illustration--added 2012 federal income tax withholding tables

Again, we want to emphasize that **NO** additional programming changes will be made to the DB/DOS system. We have disclosed potential problems with the program on the DB Discussion Forum and with the release notes for version 3.43b. However, our disclosure should not replace a good review of the valuation report. If you have questions, please let us know.

TO: DATAIR's Pension System Users  
FROM: Dave Roper and Andrew C. Hoskins  
DATE: January 18, 2011  
RE: Release 3.43d of the PE/DOS PENSION SYSTEM

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### Changes to Release 3.43d.

1. DB/DOS—dates of hire after 2009 no longer give 100 or more years of past service.
2. 401(k) Illustration updated for 2011 federal income tax withholding and 2% cut in employee FICA.
3. DB/DOS—2010 and 2011 social security bend points and average annual wage added. All other limits remain the same as there was no cost of living adjustment

for 2010 or 2011.

4. Missing blank insurance rate file message eliminated.

Again, we want to emphasize that **NO** additional programming changes will be made to the DB/DOS system. We have disclosed potential problems with the program on the DB Discussion Forum and with the release notes for version 3.43b. However, our disclosure should not replace a good review of the valuation report. If you have questions, please let us know.

TO: DATAIR's Pension System Users  
 FROM: Dave Roper, Sue Evans and Andrew C. Hoskins  
 DATE: March 18, 2010  
 RE: Release 3.43c of the PE/DOS PENSION SYSTEM

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The enhancements to the PE/DOS system are listed below and on the enclosed list, but they can also be seen in the system by pressing Alt-F1.

If you have any questions, please give us a call. Remember to check our web site, [www.datair.com](http://www.datair.com), for up to date information on hardware requirements, system fixes, and other Datair products.

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### Changes to Release 3.43c.

1. The Applicable Mortality table for 417(e) and 415 calculations has been updated to use the 2010 Applicable Mortality table (table 10E00) for plan years that begin in 2010. The prior version was not using the 2010 table.
2. The determination of the Actuarial Value of Assets has been changed. Version 3.43b was not adjusting the assets properly for EOY valuations in which contributions had been deposited during the plan year.

3. The overflow error that occurred when calculating a plan with a pre-2008 plan year has been corrected.
4. Missing blank insurance rate file message eliminated.

Again, we want to emphasize that **NO** additional programming changes will be made to the DB/DOS system. We have disclosed potential problems with the program on the DB Discussion Forum and with the release notes for version 3.43b. However, our disclosure should not replace a good review of the valuation report. If you have questions, please let us know.

TO: DATAIR's Pension System Users  
FROM: Dave Roper, Sue Evans and Andrew C. Hoskins  
DATE: February 16, 2010  
RE: Release 3.43b of the PENSION SYSTEM

Downloaded from [www.datair.com](http://www.datair.com).

We have an **IMPORTANT ANNOUNCEMENT** regarding the future of the PE/DOS system. PE/DOS will not stop working but will become obsolete as administration requirements change. This is especially important in DB/DOS (see below). We will update the PE/DOS limits for 2011 COLA, but little else will be changed. All programming effort will be in PE/Win.

Below, is information posted to the Discussion Forum section of our website listing the features that are problems in the DB/DOS system but work in the DB/Win system.

#### From the Defined Benefit Administration forum—Status of DB/DOS

As many of you are aware, our DB/Win system was released late last year. We are pleased to say that the majority of our users are diving into the new system and sending us positive feedback on the transition from the DB/DOS system to the Windows based system.

However, the success of the DB/Win system means that the DB/DOS system will be phased out. While we would prefer to keep the DB/DOS system running through October 15, 2010 to allow you to complete the bulk of your 2009 plan year administration cycle, it has become apparent that programming limitations on the DOS system will make that difficult.

The latest release of the DB/DOS system, version 3.43b, is the last version of DB/DOS system that will be released. We believe that version of the system is relatively stable and will run most valuations for plan years that begin in 2008 with relative ease. Although we will not make any additional programming changes to the DB/DOS system, be assured that we will continue to provide support for the system.

We will continue to post the monthly update to the interest rate file as that file is used by both the DB/DOS and DB/Win systems.

While we encourage you to transition to the Windows system now, we realize that there are instances when the transition may not be immediately feasible. With that in mind, we are providing the following list of known problems in the DB/DOS system when running valuations for plan years that begin in 2008, 2009 and beyond. If additional problems are discovered, we will notify you on the DB forum.

Below is a list of items that the DB/DOS system may not handle correctly. We have noted workarounds for the DOS system and made note if the feature is working in the DB/Win system

Issues affecting plan years beginning in 2008 and later:

- Sole proprietor income adjustments – the income adjustment routine can fail for plans with employees (in addition to the sole prop.) and plans that have a shortfall amortization.  
**Solution** – run plan as a corporation and manually adjust the sole proprietor's income.  
**DB/Win** – the sole proprietor income adjustment works. However, there are some instances when the calculation does not converge. This routine is being improved in the DB/Win system with each successive release.

- Partnerships – the income adjustment routine can fail if there are multiple partners. **Solution** – run plan as a sole proprietorship. If that fails, run plan as a corporation and manually adjust the partners' income. **DB/Win** – the partner income adjustment works. However, there are some instances when the calculation does not converge. This routine is being improved in the DB/Win system with each successive release.
- 415 maximum benefits – calculated using the G9400 table instead of the Applicable Mortality Table for the plan year for 2008 and 2009 plan years. Release 3.43b uses the 2010 Applicable Mortality table. **Solution** – none. **DB/Win** – this calculation uses the correct mortality table for all years.
- Certain only forms of payment – funding target and PVAB are overstated. **Solution** – override on screen 31. **DB/Win** – the values under all forms of payment are correctly calculated
- Costs for participants that terminated during 12 months prior to valuation – participants entire liability is allocated to funding target. The portion of liability that is attributed to service during the current plan year should be allocated to target normal cost. **Solution** – override funding target and target normal cost on screens 31 and 32. **DB/Win** – allocates these costs correctly between target normal cost and funding target.
- Actuarial value of assets – system uses actuarial value on lines 2a and 2b of the Schedule SB report. **Solution** – import report into Word and edit. **DB/Win** – these asset values print correctly
- Shortfall base for sole proprietorships – the system does not set up the required base. **Solution** – run plan as a corporation and manually adjust the sole proprietor's income. **DB/Win** – amortization bases are correctly established.
- Contribution Report – has not been updated for PPA. **Solution** – none. **DB/Win** – has two contribution reports, one of which give the user a running total of contributions to date and the amount that remains due.
- Shortfall amortization base – base established in 2009 does not print on Schedule SB report, nor does it transfer to Schedule SB in Pension Reporter. **Solution** – import report into Word and edit. Manually enter shortfall base and amortization in Pension Reporter Schedule SB. **DB/Win** – bases print correctly.
- Update of Carryover and Prefunding Balances – may not update correctly, but that depends on coding of 2008 valuation prior to update. **Solution** – enter correct 2009 Carryover and Prefunding Balances on screen 19 of the 2009 file if necessary. **DB/Win** – updates the Carryover and Prefunding Balances correctly.
- Schedule SB report – does not show Prefunding balance applied to reduce minimum contribution in line 35. **Solution** – import report into Word and edit. **DB/Win** – reductions of balance print correctly.

The enhancements to the DB/DOS system are listed below, but they can also be seen in the system by pressing Alt-F1.

If you have any questions, please give us a call. Remember to check our web site, [www.datair.com](http://www.datair.com), for up to date information on hardware requirements, system fixes, and other Datair products.


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#### Changes to Release 3.43b:

1. DB--The Applicable Mortality table for 417(e) and 415 calculations has been updated to use the 2010 Applicable Mortality table (table 10E00) for plan years that begin in 2010.
2. DB--The Applicable Percentage for determining the exemption from establishing a new shortfall amortization base in 2010 has been changed. For 2010, that percentage is 96%. However, for plans that are established after 2007 or plans that were subject to the additional funding requirement of 412(l), the Applicable Percentage is 100%.
3. DC—401(k) Illustration, 2010 federal and state income tax withholding tables added.
4. There were no COLA increases for 2010, so limits remain the same as 2009.

Again, we want to emphasize that **NO** additional programming changes will be made to the PE/DOS system. We have disclosed potential problems with DB/DOS. However, our disclosure should not replace a good review of the DB/DOS valuation reports. If you have questions, please let us know.

TO: DATAIR's Pension System Users  
FROM: Dave Roper and Sue Evans  
DATE: April 23, 2009  
RE: Release 3.43a of the PENSION SYSTEM

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The main enhancements are listed below and on the enclosed list, but they can also be seen in the system by pressing Alt-F1.

As always, we would like your suggestions for features needed in the system. If you have any questions, please give us a call. Remember to check our web site, [www.datair.com](http://www.datair.com), for up to date information on hardware requirements, system fixes, and other Datair products.

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Changes to Release 3.43a have been added.

1. The calculation of the shortfall base for 2009 has been changed. The prior version of the system did not set up a 2009 base if that base was less than zero. This has been corrected. Any plan that has a shortfall in item B12 of the system's valuation results report, must establish a 2009 shortfall base, even if that base is negative.
2. Added field to screen 20 for Actual Rate of Return for prior year. This field is used to update the carryover balance from the 2008 to 2009 plan years. Negative rates of return may be entered in this field.
3. Added enhancement to plan update cycle from 2008 to 2009 plan years. The carryover balance is updated from one year to the next using the actual rate of return (see item 3). In addition, the carryover balance is adjusted to reflect the use of the balance to reduce the 2008 funding requirement.
4. The Applicable Percentage for determining the exemption from establishing a new shortfall amortization base in 2009 has been changed. For 2009, that percentage is 94%. However, for plans that are established after 2007 or plans that were subject to the additional funding requirement of 412(l), the Applicable Percentage is 100%. The prior release was using 94% for the Applicable Percentage for all plans.
5. The report for the Schedule SB attachment of shortfall amortization bases has been corrected. The shortfall base and installment payment did not always print on the prior release.
6. Item B15 of the valuation results for some sole proprietor valuations was printing an extremely large number. That has been corrected.
7. In certain cases, the wrong top heavy accrued benefit was printing on the schedule of benefits. This has been corrected.
8. For certain participants with decreasing salaries and whose accrued benefits were at the 415 high three year average limit. The accrued benefit increase was understated. This has been corrected.