

# Macros in the Judaica Division of the Harvard College Library

Leveraging ALEPH Acquisitions Module  
Capabilities with Macro Express

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# Why Macros?

- Macros dramatically leverage ALEPH's capabilities
- Macros improve:
  - Productivity
  - Ergonomics
  - Accuracy
- Macros allow “customization” of ALEPH

# What Macros?

- Created using Macro Express
- Macros used for:
  - Acquisitions
  - Cataloging
  - Barcoding

# Why Acquisitions Macros?

- Most Judaica Division acquisitions done via approval plans
- In old online system, ordering and payment could be done simultaneously

# Why Acquisitions Macros? (cont.)

- In Aleph, ordering and payment must be done as two separate processes
  - More time-consuming
  - Order numbers must be written down and re-keyed in to pay
- Judaica Division has many different funds - Aleph system for selecting and inputting a fund is cumbersome

# Not Just Macros, A New Acquisitions Solution

- Workflow Redesign
- Software
  - ALEPH
  - Macro Express
  - FileMaker Developer

# Workflow Redesign

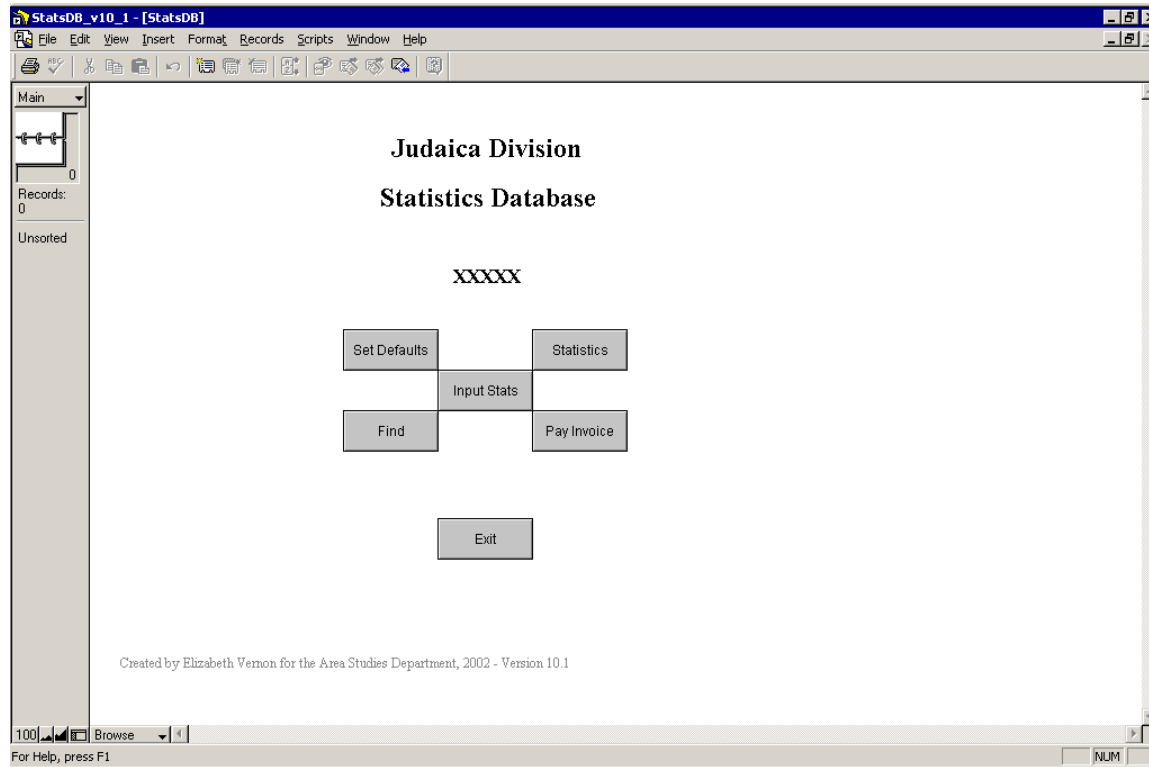
- What stayed the same:
  - “Cataloging on Receipt”
- What changed:
  - student assistants now do payment and end-processing instead of catalogers
  - all cataloging and acquisition statistics are automated

# Software

- Aleph
- Macro Express
- FileMaker Developer



# Demo



StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Defaults...  
 1  
 Records: 1732  
 Found: 1  
 Unsorted

**Input FY**

**Input Current Year/Month**

**Input Predominant Cataloging Type (Original, Modified, Copy, Provisional, Add-To, Authority)**

**Input Predominant Cataloging Format (Book, Serial, Video, etc.)**

**Input Predominant Acquisitions Type**

**Input Current Invoice Vendor**

**Input Current Invoice Number**

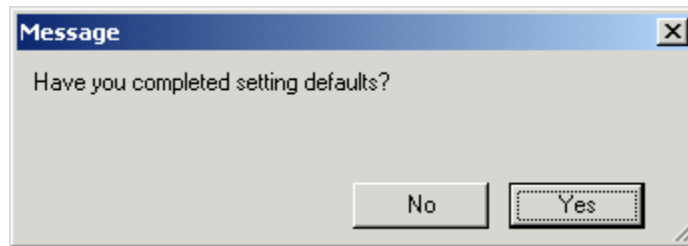
**Input Fund (only if all or most of the items on an invoice are being paid with one fund.)**

**Input Predominant Acquisitions Format (Material Type)**

**Input Stats**

100% Browse NUM

For Help, press F1





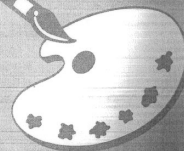
סידורא דפת

שמע ישראל

בהלכות  
שבת



הוא  
הוא  
הוא



כללים, דוגמאות וציורים  
על הלכות דש

406 41506-

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## מלאכת דש

ליקוט הלכות שבת מהשר"ע והאחרונים  
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צבי דודים מנחת, מודיעין 7.ג  
(718) 773-4551 / 343-0402

### יוצא לאור על ידי מרכז השבת

406 41506. 993

# מלאכה בהלכות שבת

## מלאכת דש

ליקוט הלכות שבת מהשר"ע והאחרונים  
מוסדר על פי כללים של "הגדרת האיסור"  
ו"דוחות", בתיבת טקסט להכליל גם הובאו  
רוגמאות להכללים, עם ציורים לכל דוגמא.

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יוצא לאור על ידי מרכז השבת

ALEPH Catalog - Version 505.15.2

File Libraries Edit Search Import records Options Services Window Help

Library HVD01 - Format BK - System Number 9097898 - NEW720.MRC

```

LDR 00763nam^^22002057a^4500
001 009097898-6
005 20030502134818.0
008 920128s2002^^^nyu^^^^^^b^^^^001^0^heb^d
100 1 a Feldberger, Yehezkel.
245 10 a Me'ore halakhah be-hilkhot Shabat :
      b ... 'al hilkhot dash /
      c ['al yede Yehezkel Feldberger ; be-siyu'a Ya'aqov Feldberger ; tsiyurim 'al yede Yonatan
      Gershtein]
260 a [Brooklyn, N. Y. :
      b Merkaz ha-Shabat,
      c 763, 2002]
300 a 396 p. :
      b ill. ;
      c 26 cm.
650 0 a Sabbath (Jewish law)
650 0 a Prohibited work (Jewish law)
700 1 a Feldberger, Ya'aqov.
700 1 a Gershtein, Yonathan.
752 a United States
      b New York
      d New York

```

Messages Tag Information

Connected to server: lms01.harvard.edu; Library: HVD01 - Bibliographic (HVD01) Profile: default - user: WIDVERNON

# Pre-Order/Statistics Macro Begins

The screenshot shows the ALEPH Catalog interface. The title bar reads "ALEPH Catalog - Version 505.15.2 - [Library HVD01 - Format BK - System Number 9097898 - NEW720.MRC]". The menu bar includes "File", "Libraries", "Edit", "Search", "Import records", "Options", "Services", "Window", and "Help". The main window displays a bibliographic record with the following fields:

- LDR** — 00763nam^^22002057a^4500
- 001** — 009097898-6
- 005** — 20030502134818.0
- 008** — 920128s2002^^^^nyu^^^^^b^^^^001^0^heb^d
- 100 1** — a Feldberger, Yehezkel.
- 245 10** — a Me'ore halakhah be-hilkhot Shabat :  
b ... 'al hilkhot dash /  
c ['al yede Yehezkel Feldberger ; be-siyu'a Ya'aqov Feldberger ; tsiyurim 'al yede Yonatan Gershtein]
- 260** — a [Brooklyn, N. Y. :  
b Merkaz ha-Shabat,  
c 763, 2002]
- 300** — a 396 p. :  
b ill. ;  
c 26 cm.
- 650 0** — a Sabbath (Jewish law)
- 650 0** — a Prohibited work (Jewish law)
- 700 1** — a Feldberger, Ya'aqov.
- 700 1** — a Gershstein, Yonathan.
- 752** — a United States  
b New York  
d New York

The status bar at the bottom indicates: "001/-: - Not in table codes.eng (Ed) Connected to server: lms01.harvard.edu; Library: HVD01 - Bibliographic (HVD01) Profile: default - user: WIDVERNON".



ALEPH Catalog - Version 505.15.2 - [Library HVD01 - Format BK - System Number 9097898 - NEW720.MRC]

File Libraries Edit Search Import records Options Services Window Help

LDR 00763nam^^22002057a^4500  
 001 009097898-6  
 005 20030502134818.0  
 008 920128s2002^^^^nyu^^^^^^b^^^^001^0^heb^d  
 100 1 a Feldberger, Yehezkel.  
 245 10 a Me'ore halakhah be-hilkhot Shabat :  
 b ... 'al hilkhot dash /  
 c [al yede Yehezkel Feldberger ; be-siyu'a Ya'aqov Feldberger ; tsiyurim 'al yede Yonatan Gershtein]  
 260 a [Brooklyn, N. Y. :  
 b Merkaz ha-Shabat,  
 c 763, 2002]  
 300 a 396 p. :  
 b ill. ;  
 c 26 cm.  
 650 0 a Sabbath (Jewish law)  
 650 0 a Prohibited work (Jewish law)  
 700 1 a Feldberger, Ya'aqov.  
 700 1 a Gershtein, Yonathan.  
 752 a United States  
 b New York  
 d New York

008/-/ : Fixed Length Data Element | Connected to server: lms01.harvard.edu | Library: HVD01 - Bibliographic (HVD01) | Profile: default - user: WIDVERNON

ALEPH Catalog - Version 505.15.2 - [Library HVD01 - Format BK - System Number 9097898 - NEW720.MRC]

File Libraries Edit Search Import records Options Services Window Help

LDR 00763nam^^22002057a^4500  
 001 009097898-6  
 005 20030502134818.0  
 008 920128s2002^^nyu^^^^^^b^^^^001^0^heb^d  
 100 1 a Feldberger, Yehezkel.  
 245 10 a **Me'ore halakhah be-hilkhot Shabat :**  
 b ... 'al hilkhot dash /  
 c [ 'al yede Yehezkel Feldberger ; be-siyu'a Ya'aqov Feldberger ; tsiyurim 'al yede Yonatan Gershtein ]  
 260 a [Brooklyn, N. Y. :  
 b Merkaz ha-Shabat,  
 c 763, 2002]  
 300 a 396 p. :  
 b ill. ;  
 c 26 cm.  
 650 0 a Sabbath (Jewish law)  
 650 0 a Prohibited work (Jewish law)  
 700 1 a Feldberger, Ya'aqov.  
 700 1 a Gershtein, Yonathan.  
 752 a United States  
 b New York  
 d New York

245/1/0 : Title Statement Connected to server: lms01.harvard.edu; Library: HVD01 - Bibliographic (HVD01) Profile: default - user: WIDVERNON

StatsDB - [StatsDB.bits]

File Edit View Insert Format Records Scripts Window Help

Input

Rec ID: R100910 Stat Date: 5/27/2003 2003:05

2002  
heb  
nyu

Alaph ID: 009097898-6  
008 920128s2002nyu001^0^heb^d  
Tag245 Me?ore halakhah be-hilkhot Shabat }

Records: 1732  
Found: 1  
Unsorted

Cat Type: Orig  
Cat Format: B  
Acq Type: Purchase  
Vendor: Biegel  
Invoice: 62515  
Fund:  
Price:  
Acq Format: Book  
Acq Title: 1  
Acq Pieces: 1  
Order Number:

Home  
Defaults  
Index  
Find  
New  
Delete

BK  
415.37860 .560 655070 .0000.00000-2003  
7031

100% Browse NUM

For Help, press F1

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Input Rec ID: R100910 Stat Date: 5/27/2003 2003:05

1732

Records: 1733

Unsorted

Aleph ID: 009097898-6

008 920128s2002nyu001\*hebd

Tag245 Me?ore halakhah be-hilkhot Shabat :

2002

heb

nyu

Home

Defaults

Index

Cat Type: Orig

Cat Format: B

Acq Type: Purchase

Vendor: Biegel

Invoice: 62515

Fund: 242

Price:

Acq Format: Book

Acq Title: 1

Acq Pieces: 1

Order Number:

Find

New

Delete

BK

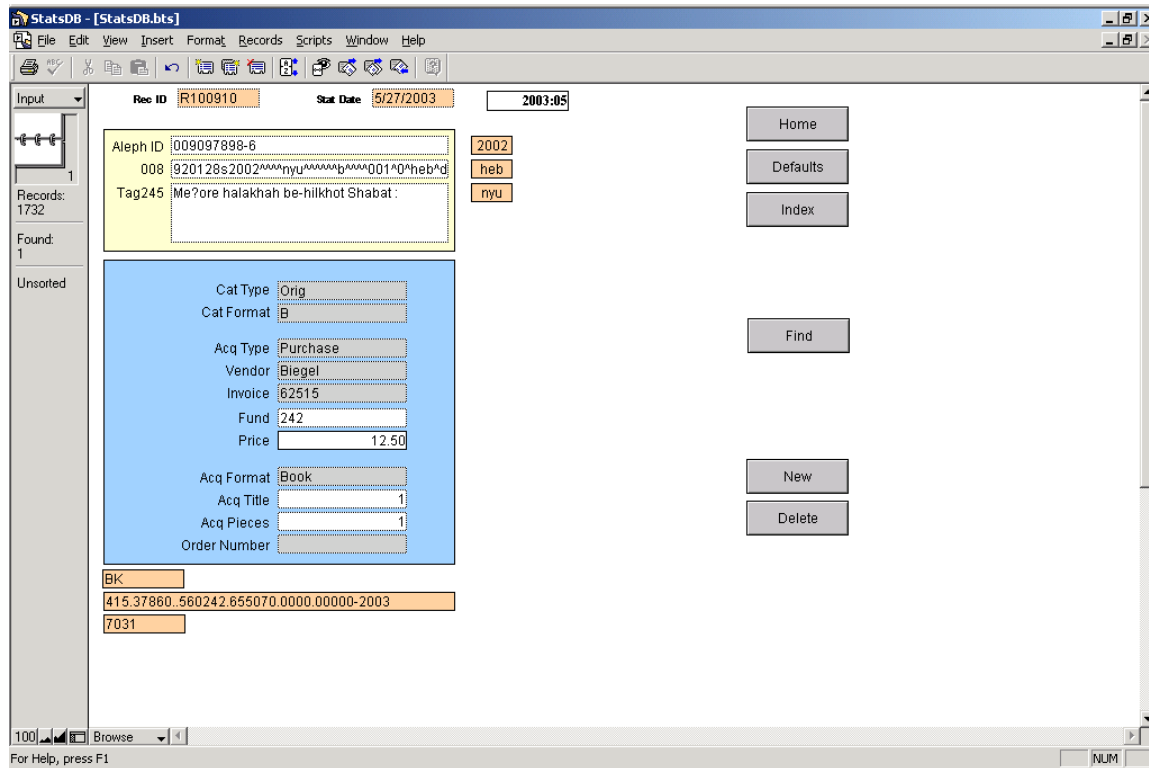
415.37860 .560242.655070.0000.00000-2003

7031

100% Browse

NUM

For Help, press F1



Pre-Order/Statistics Macro Ends

# Order Macro Begins

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Input

Records: 1732  
Found: 1  
Unsorted

Rec ID: R100910    Stat Date: 5/27/2003    2003:05

Aleph ID: 009097898-6    2002  
008: 920128s2002\*\*\*\*\*nyu\*\*\*\*\*001\*0\*heb\*d    heb  
Tag245: Me?ore halakhah be-hilkhot Shabat:    nyu

Cat Type: Orig  
Cat Format: B  
Acq Type: Purchase  
Vendor: Biegel  
Invoice: 62515  
Fund: 242  
Price: \$12.50  
Acq Format: Book  
Acq Title: 1  
Acq Pieces: 1  
Order Number:

BK  
415.37860.580242.655070.0000.00000-2003  
7031

Home  
Defaults  
Index  
Find  
New  
Delete

100% Browse NUM

For Help, press F1

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Input

Records: 1732  
Found: 1  
Unsorted

Rec ID: R100910 Stat Date: 5/27/2003 2003:05

Aleph ID: 009097898-6  
008 920128s2002~nyu~001^0^heb^d  
Tag245 Me?ore halakhah be-hilkhot Shabat :

2002  
heb  
nyu

Home  
Defaults  
Index

Find

New  
Delete

Cat Type: Orig  
Cat Format: B  
Acq Type: Purchase  
Vendor: Biegel  
Invoice: 62515  
Fund: 242  
Price: 12.50  
Acq Format: Book  
Acq Title: 1  
Acq Pieces: 1  
Order Number:

BK  
415.37860 .560242.655070.0000.00000-2003  
7031

100% Browse

For Help, press F1

NUM

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

1732  
Records: 1732  
Unsorted

Script:  
Continue  
Cancel

Rec ID: R100910    Stat Date: 5/27/2003    2003:05

Aleph ID: 009097898-6    2002  
008 920128s2002nyu001^0^heb^d    heb  
Tag245 Me?ore halakhah be-hilkhot Shabat :    nyu

Cat Type: Orig  
Cat Format: B

Acq Type: Purchase  
Vendor: Biegel  
Invoice: 62515  
Fund: 242  
Price: \$12.50

Acq Format: Book  
Acq Title: 1  
Acq Pieces: 1  
Order Number: 9112503-1

Home  
Defaults  
Index  
Find  
New  
Delete

BK  
415.37860 .560242.655070.0000.00000-2003  
7031

100% Browse NUM

For Help, press F1



StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Input

Records: 1732  
Found: 1  
Unsorted

Rec ID: R100910    Stat Date: 5/27/2003    2003:05

Aleph ID: 009097898-6    2002  
008: 920128s2002nyu~~~~~001A0\*heb\*d    heb  
Tag245: Me?ore halakhah be-hilkhot Shabat :    nyu

Cat Type: Orig  
Cat Format: B

Acq Type: Purchase  
Vendor: Biegel  
Invoice: 62515  
Fund: 242  
Price: \$12.50

Acq Format: Book  
Acq Title: 1  
Acq Pieces: 1  
Order Number:

BK  
415.37860 .560242.655070.0000.00000-2003  
7031

Home  
Defaults  
Index  
Find  
New  
Delete

100% Browse NUM

For Help, press F1

ALEPH Acquisitions - Version 505.15.2

File Utilities Orders Arrivals General Invoice Administration Options Services Window Help

Navigation Window for Admin. Record No. 9112503

Tag	Contents
Author	Feldberger, Yehezkel.
Title	Me'ore halakhah be-hilkhot Shabat : ... 'al hilkhot dash / [al yede

Order List of Admin. Record 9112503 - M?ore halakhah be-hilkhot Shabat :

Order Unit	Sub-library	Order No.	Status	Arr St	Inv St	Type	Vendor
------------	-------------	-----------	--------	--------	--------	------	--------

Modify  
Add  
Duplicate  
Delete  
Print/Cancel  
Send  
Encumber  
Invoice  
Arrival  
Copies  
Claims  
Order Log  
Help

Connected to server: lms01.harvard.edu: Library: HVD50 - Admin (HVD50) Profile: default - user: WIDVERNON

**Order Type** [X]

Order Type

Monograph

Serial

Standing Order

Order No. Counter Code:

OK

Cancel

Help

**Order Form - M?ore halakhah be-hilkhot Shabat :** [X]

**1. Order Information**      2. Vendor      3. Quantity and Price

Order Number 1:       Order Status:  ▶

Order Number 2:       Order Number 3:

Order ISBN/ISSN:  ▶      Order Group:  ▶

Open Date:       Status Date:

Order Date:

Material Type:  ▶

Sub-library:  ▶      Order Unit:  ▶

Acquisition Method:  ▶

Initiator ID:  ▶

Initiator Name:  [List Icon]

Action:  ▼      Approver ID:  ▶

Library Note:  [List Icon]

[OK]      [Save Def.]      [Refresh]

[Cancel]      [Help]

**Order Form - M?ore halakhah be-hilkhot Shabat :** [X]

**1. Order Information**      2. Vendor      3. Quantity and Price

Order Number 1:       Order Status:  ▶

Order Number 2:       Order Number 3:

Order ISBN/ISSN:  ▶      Order Group:  ▶

Open Date:       Status Date:

Order Date:

Material Type:  ▶

Sub-library:  ▶      Order Unit:  ▶

Acquisition Method:  ▶

Initiator ID:  ▶

Initiator Name:  [List Icon]

Action:  ▼      Approver ID:  ▶

Library Note:  [List Icon]

OK  
Save Def.  
Refresh  
Cancel  
Help

**Order Form - M?ore halakhah be-hilkhot Shabat :** [X]

1. Order Information      **2. Vendor**      3. Quantity and Price

Vendor Information:

Vendor Code: BIEGEL [▶]

Vendor Name: [▶]

Vendor Reference: [▶]

Vendor Note: [▶]

Vendor Contact: [▶]

Order Delivery Type: LE [▶]      Letter Type: 01 [▶]

Delivery Type: S [▶]      Send Letter by: PRINT [▶]

Rush      Claim Date: 00/00/0000 [▶]

Batch Claiming

[OK]      [Save Def.]      [Refresh]

[Cancel]      [Help]

**Order Form - M?ore halakhah be-hilkhot Shabat :** [X]

1. Order Information      2. Vendor      **3. Quantity and Price**

Order Quantity:

Number of Units:

Unit Price:       Total Price:

Quantity Note:  [List Icon]

Create Item Records      Item Collection:  [Arrow]

Estimated Price:

Currency:  [Arrow]

List Price:

Terms Sign (+/-):       Terms Percent:

Final Price:       Local Price:

Price Note:  [List Icon]

Encumber Budget:  [Arrow]

[OK]      [Save Def.]      [Refresh]

[Cancel]      [Help]

**ALEPH Acquisitions - Version 505.15.2**

File Utilities Orders Arrivals General Invoice Administration Options Services Window Help

Navigation Window for Admin. Record No. 9112503

Tag Contents  
 Author Feldberger, Yehezkel.  
 Title Me'ore halakhah be-hilkhot Shabat : ... 'al hilkhot dash / ['al yede

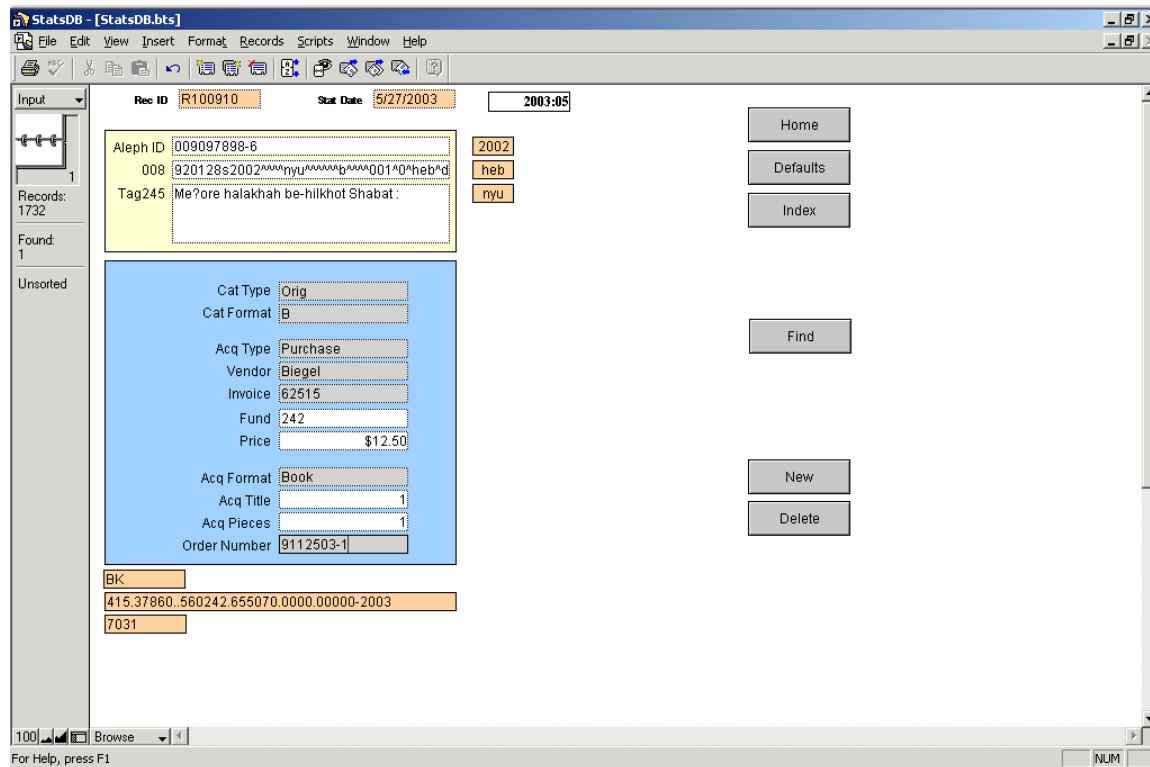
Order List of Admin. Record 9112503 - M?ore halakhah be-hilkhot Shabat :

Order Unit	Sub-libr	Order No.	Status	Arr St	Inw St	Type	Budget	Vendor	Local Price
WID04	WID	9112503-	SV	None	None	M	415.37860..56	BIEGEL	12.50
		1					0242.655070, 0000.00000-2		

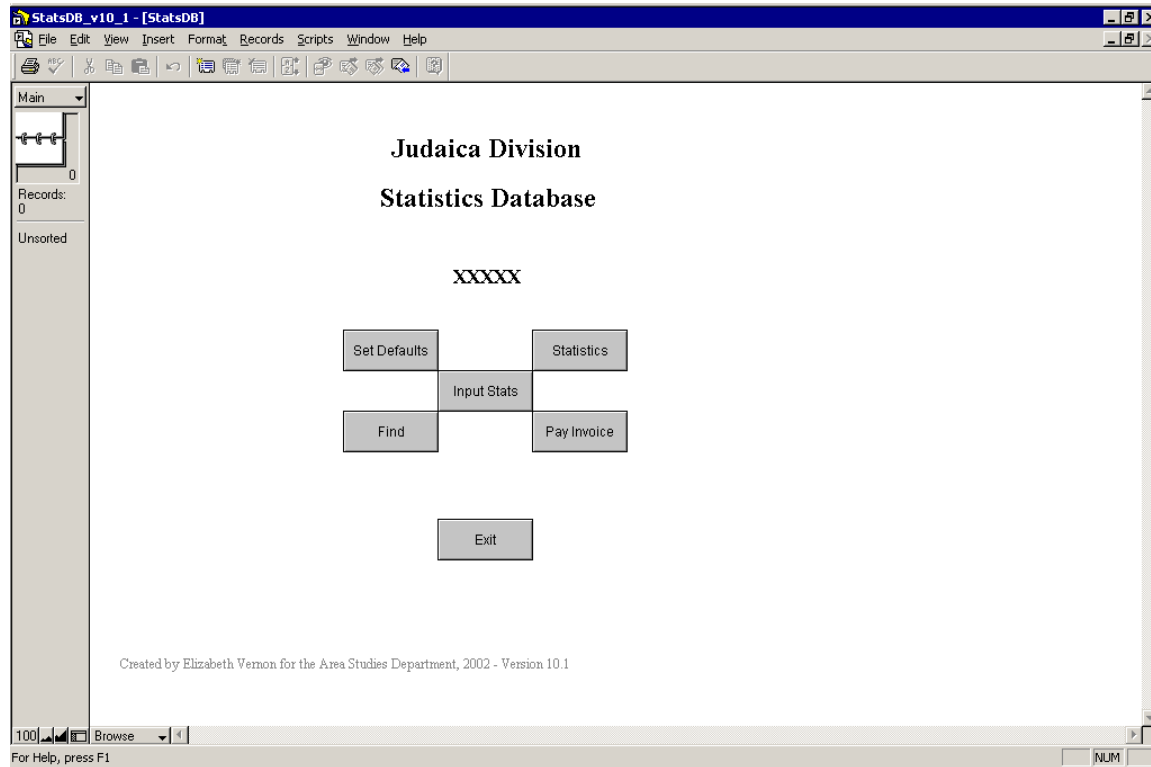
Modify  
 Add  
 Duplicate  
 Delete  
 Print/Cancel  
 Send  
 Encumber  
 Invoice  
 Arrival  
 Copies  
 Claims  
 Order Log  
 Help

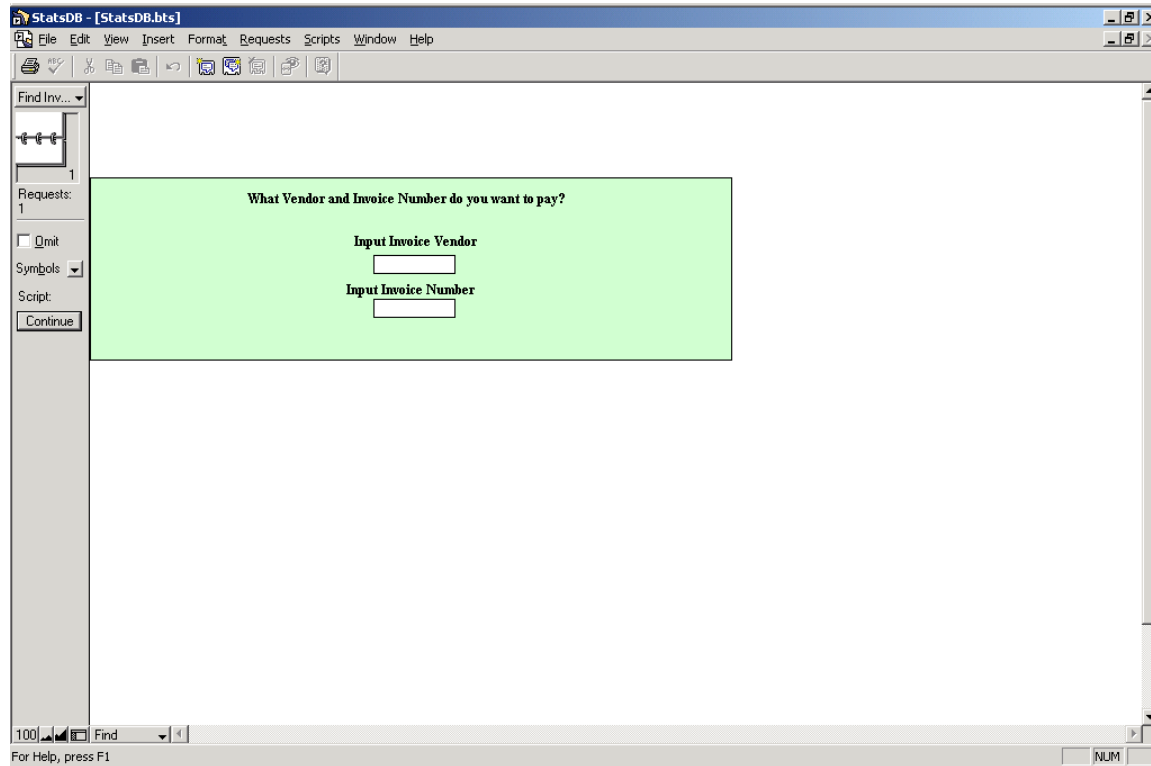
Connected to server: lms01.harvard.edu; Library: HVD50 - Admin (HVD50) Profile: default - user: WIDVERNON

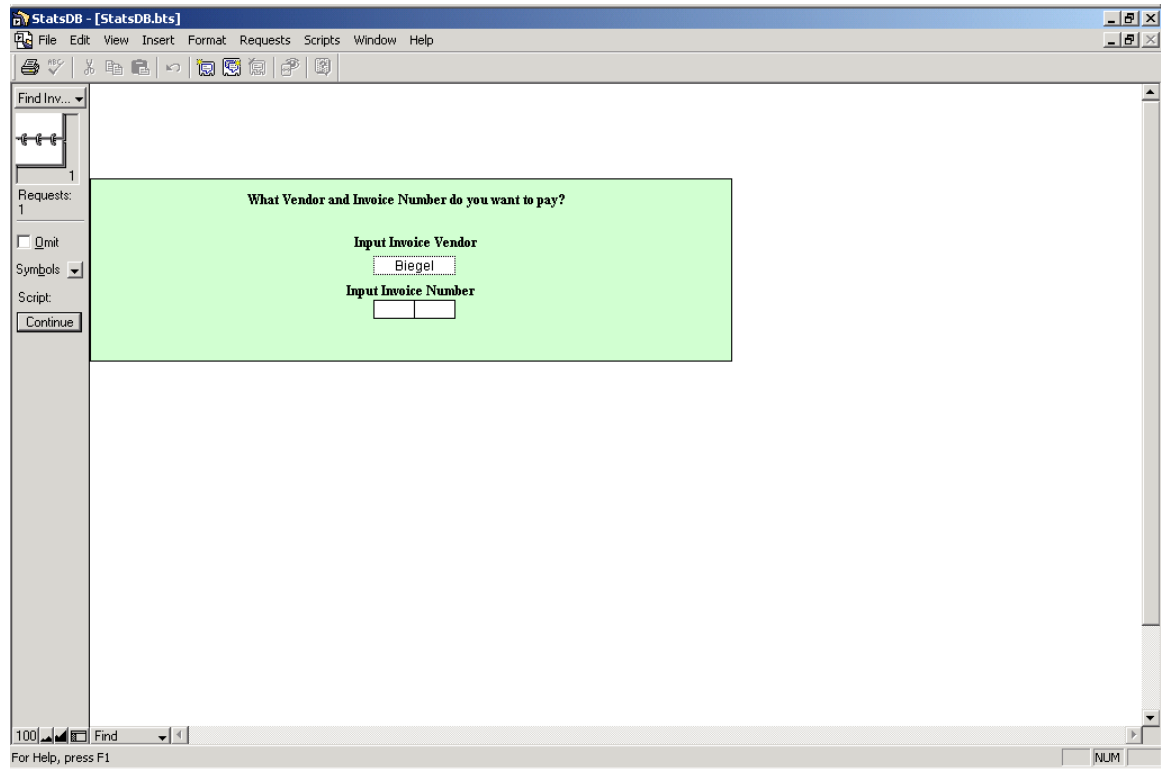


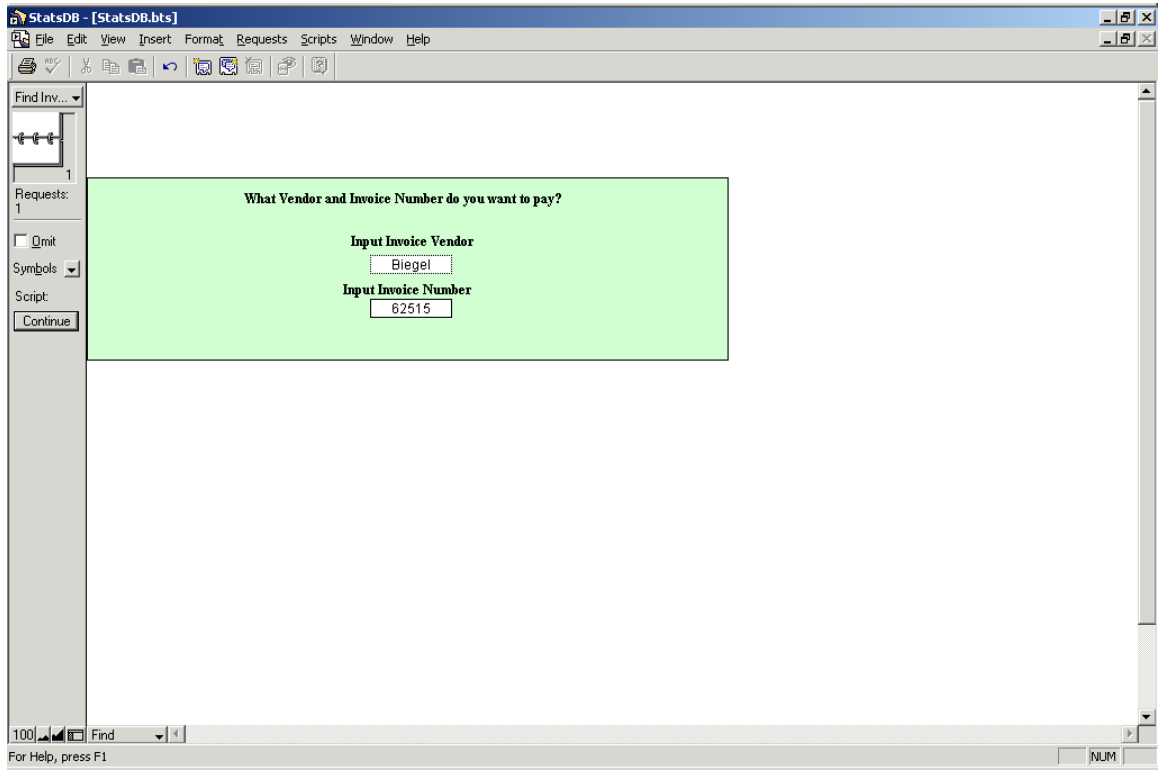


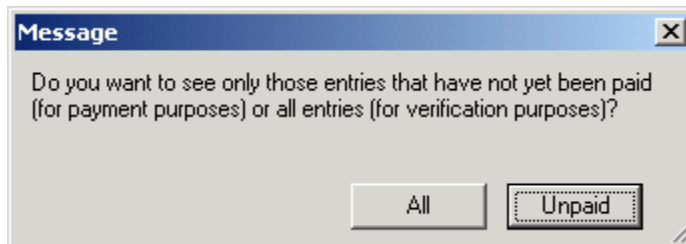
Order Macro Ends











StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Payme...

Records: 1931 Found: 38 Sorted

23

Total Payments via Macro \$472.00  
 Total Exclusions (Not Paid via Macro)  
 Invoice Total (Payments + Exclusions) \$472.00

Home  
 Exclusions  
 Refind to Pay

Sort  
 ABC Order Created

Arba'ah shi'urim :	9099569-1	3.50	7031	
Birkat Ish :	9112863-1	10.00	7031	
Dimin fun yon'ev un fun kholemojd ... :	9101132-1	5.00	7031	
?Eme? ha-na'al :	9099678-1	28.50	7031	
Gevurat Yits'a? :	9112604-1	15.00	7031	
Gevurat Yits'a? :	9099712-1	15.00	7031	
Ginze ha-melekh :	9099879-1	25.00	7031	
Hag'alat kelim :	9099548-1	4.00	7031	
Hagadah shel Pesa? :	9100224-1	13.50	7031	
Hagadah shel Pesa? ?Avodat ha-Le?i :	9100263-1	15.00	7031	
Hagadah shel Pesa? Bet tsadi'im :	9100179-1	17.50	7031	
Ho'il Mosheh :	9100077-1	6.50	7031	
Igeret ha-Gera :	9100635-1	6.00	7031	
Lel shumrim be-?inyene lel Pesa? :	9100486-1	15.00	7031	
LiPu'e shesh :	9099784-1	16.50	7031	
Ma'amar dibur ha-mat'il ?a-yomer ha-Shem ... ?e? et	9112631-1	3.00	7031	
Marbeh emunah:	9097944-1	14.00	7031	
Me?ore halakhah be-hukhot Shabat :	9112503-1	12.50	7031	
Nedarei ashalem :	9112738-1	16.50	7031	

100% Browse NUM

For Help, press F1

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Deducti...  
23  
Records: 1931  
Found: 38  
Sorted

Index

Biegel  
62515

\$17.50	postage	Delete
\$17.50	serials	Delete
\$6.00	serial	Delete
\$20.25	serials	Delete
\$30.00	serials	Delete
		Delete

100% Browse

For Help, press F1

NUM



StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Payme... **Biegel** **62515**

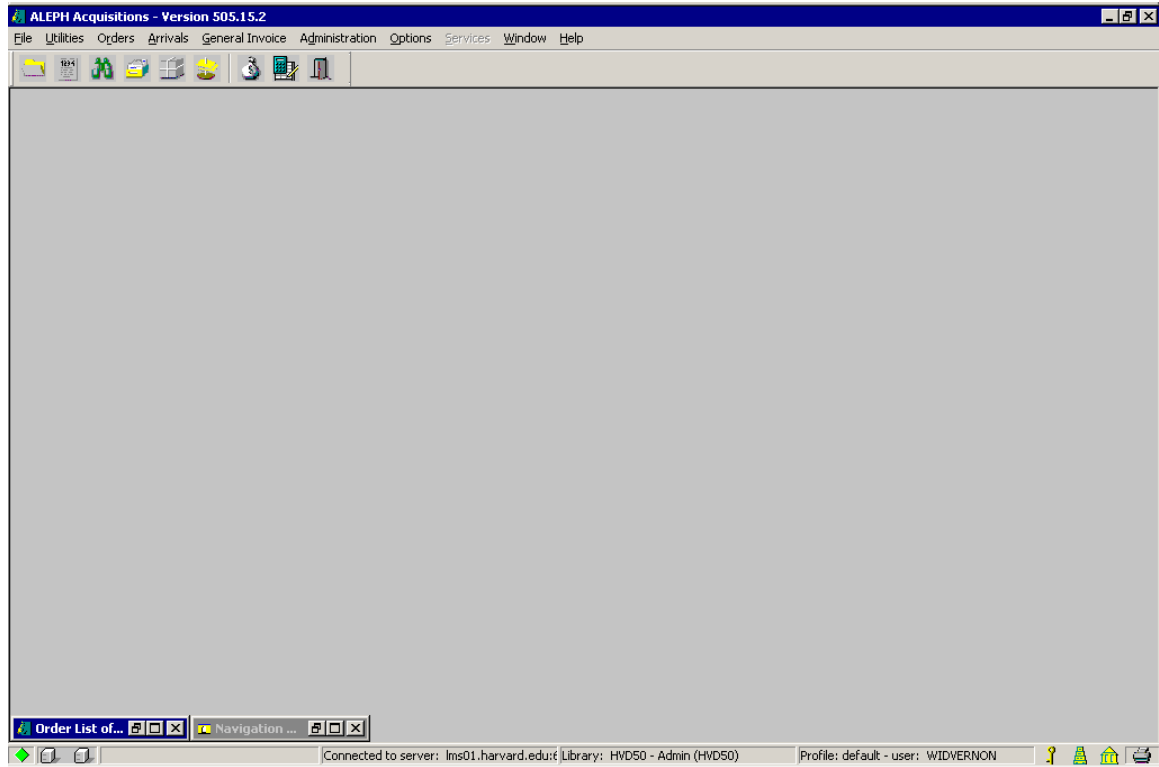
Records: 1782 Found: 38 Sorted

		<b>Total Payments via Macro</b>		<b>\$472.00</b>	<b>Home</b>
		<b>Total Exclusions (Not Paid via Macro)</b>		<b>\$91.25</b>	<b>Exclusions</b>
		<b>Invoice Total (Payments + Exclusions)</b>		<b>\$563.25</b>	<b>Refind to Pay</b>
				<b>Sort</b>	
				<b>ABC</b>	<b>Order Created</b>

Aba?ah shi?urim :	9099569-1	3.50	7031	
Birkat Ish :	9112863-1	10.00	7031	
Dinim fun yon?ev un fun kholemoyd ... :	9101132-1	5.00	7031	
Eme? ha-na?al :	9099678-1	28.50	7031	
Gevurat Yits?a? :	9112604-1	15.00	7031	
Gevurat Yits?a? :	9099712-1	15.00	7031	
Ginze ha-melekh :	9099879-1	25.00	7031	
Hag?alat kelim :	9099548-1	4.00	7031	
Hagadah shel Pesa? :	9100224-1	13.50	7031	
Hagadah shel Pesa? ?Avodat ha-Le?i :	9100263-1	15.00	7031	
Hagadah shel Pesa? Bet tsadi?im :	9100179-1	17.50	7031	
Ho?il Mosheh :	9100077-1	6.50	7031	
Igeret ha-Gera :	9100635-1	6.00	7031	
Lel shimurim be-?inyene lel Pesa? :	9100486-1	15.00	7031	
L?u?e shesh :	9099784-1	16.50	7031	
Ma?amar dibur ha-mat?il ?a-yomer ha-Shem ... ?a? et	9112631-1	3.00	7031	
Marbeh emunah :	9097944-1	14.00	7031	
Me?ore halakhah be-hulkhot Shabat :	9112503-1	12.50	7031	

100% Browse NUM

For Help, press F1



**General Invoice Form** [X]

**1. Invoice** | **2. Payment**

Vendor Code:

Vendor Name:

Invoice Number:  Refers to Invoice:

Type:

Status:

Currency:  Explicit Ratio:

Net Amount:   Debit  Credit

Shipment Amount:  Invoice Date:

Overhead Amount:  Received Date:

Insurance Amount:  Shipment Date:

Discount Amount:  VAT Recipient:

Total Amount:  VAT Percent:

Local Amount:  VAT Amount:

Note:

OK  
Refresh  
Cancel  
Help

**General Invoice & Line Items: 62515 - BIEGEL** [X]

Field Name	Field Data
Invoice Type:	REG
Invoice status:	REG
Credit/Debit:	D
Currency:	USD
Net amount:	563.25
Shipment amount:	0.00

	General Invoice	Items
Total Amount:	-563.25	0.00
Number of Line Items:		0

Seq	Order No.	Net Amt.	Total Amt.	Budget	Local An	Units in i	Units in or

Gen. Inv.

Change Inv. No.

Delete All

Add

Modify

Delete

View Order

Order Log

Close

Help

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Payme...

Records: 1782  
Found: 18  
Sorted

		Total Payments via Macro	\$220.50	Home
		Total Exclusions (Not Paid via Macro)	\$91.25	Exclusions
		Invoice Total (Payments + Exclusions)	\$311.75	Refind to Pay
				Sort
				ABC
				Order Created

Me?ore halakhah be-hilkhot Shabat :	9112503-1	12.50	7031	
Nedarai ashalem :	9112738-1	16.50	7031	
Orot me-ofel :	9100589-1	8.50	7031	
Pardes temarim :	9112614-1	16.50	7031	
Pardes Yits?a? :	8731397-1	18.50	7031	
Perush ha-ke'ubah /	9112786-1	10.00	7031	
Sefer She?elot u-teshuvot Mozne tsede? :	1322529-1	21.00	7031	
Shi?ure ha-Rav ha-ga'on Rabi Yosef Dov ha-Le'i	9099487-1	14.00	7031	
Shul?an ?arukh /	8668315-2	14.00	7031	
Torat Eliyahu :	9097561-1	15.00	7031	
Torat Mena?em :	3449921-2	20.00	7031	
?umash ha-mevo?ar be-Yudish :	9100687-1	17.50	7031	
?un?res Devir Avraham ;	9100127-1	8.50	7031	
?un?res ?itsur Hilkhot ?ag ha-Pesa? :	9112639-1	4.00	7031	
?un?res Shab?u ahurvim :	9100506-1	5.00	7031	
?un?res Tevu?ot be-khoa? Shor :	9099473-1	5.00	7031	
Yesod ha-?avodah :	9100317-1	10.00	7031	
Ziv?e todah :	9100525-1	4.00	7031	

100% Browse

For Help, press F1

NUM

# Payment Macro Begins

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Payme... **Biegel** **62515**

Records: 1782

Found: 18

Sorted Script:

Continue

Cancel

Total Payments via Macro **\$220.50**

Total Exclusions (Not Paid via Macro) **\$91.25**

Invoice Total (Payments + Exclusions) **\$311.75**

Home

Exclusions

Refind to Pay

Sort

ABC Order Created

Me'ore halakhah be-hilkhot Shabat :	9112503-1	12.50	7031	
Nedarai ashalem :	9112738-1	16.50	7031	
Orot me-ofel :	9100589-1	8.50	7031	
Pardes temanim :	9112614-1	16.50	7031	
Pardes Yits'a? :	8731397-1	18.50	7031	
Perush ha-ktubah /	9112786-1	10.00	7031	
Sefer She'elot u-teshuvot Mozne tsede? :	1322529-1	21.00	7031	
Shi'ure ha-Rav ha-ga'on Rabi Yosef Dov ha-Le'i	9099487-1	14.00	7031	
Shul'han ?arakh /	8668315-2	14.00	7031	
Torat Eliyahu :	9097561-1	15.00	7031	
Torat Mena'em :	3449921-2	20.00	7031	
Pumash ha-mevo'ar be-Yudish :	9100687-1	17.50	7031	
Pun'nes Devir Avraham ,	9100127-1	8.50	7031	
Pun'nes ?itsur Hilkhot ?ag ha-Pesa? :	9112639-1	4.00	7031	
Pun'nes Shb'u ahuvim :	9100506-1	5.00	7031	
Pun'nes Tevu'ot be-khoa? Shor :	9099473-1	5.00	7031	
Yesod ha-?avodah :	9100317-1	10.00	7031	
Ziv'e todah :	9100525-1	4.00	7031	

100% Browse

For Help, press F1

NUM

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Payme... **Biegel** **62515**

Records: 1782

Found: 18

Sorted Script:

Continue

Cancel

		<b>Total Payments via Macro</b>	<b>\$220.50</b>		
		<b>Total Exclusions (Not Paid via Macro)</b>	<b>\$91.25</b>		
		<b>Invoice Total (Payments + Exclusions)</b>	<b>\$311.75</b>		
				<b>Home</b>	
				<b>Exclusions</b>	
				<b>Refind to Pay</b>	
				<b>Sort</b>	
				<b>ABC</b>	<b>Order Created</b>

Me?ore halakhah be-hilkhot Shabat :	9112503-1	12.50	7031	
Nedarai ashalam :	9112738-1	16.50	7031	
Orot me-ofel :	9100589-1	8.50	7031	
Pardes temarim :	9112614-1	16.50	7031	
Pardes Yits?a? :	8731397-1	18.50	7031	
Perush ha-ktubah /	9112786-1	10.00	7031	
Sefer She?elot u-teshuvot Mozne tsede? :	1322529-1	21.00	7031	
Shi?ure ha-Rav ha-ga'on Rabi Yosef Dov ha-Le'i	9099487-1	14.00	7031	
Shul?an ?arukh /	8668315-2	14.00	7031	
Torat Eliyahu :	9097561-1	15.00	7031	
Torat Mena?em :	3449921-2	20.00	7031	
?umash ha-mevo?ar be-Yudish :	9100687-1	17.50	7031	
?un?res Devir Avraham ;	9100127-1	8.50	7031	
?un?res ?itsur Hilkhot ?ag ha-Pesa? :	9112639-1	4.00	7031	
?un?res Shab?u ahuvim :	9100506-1	5.00	7031	
?un?res Tevu'ot be-khoa? Shor :	9099473-1	5.00	7031	
Yesod ha-?avodah :	9100317-1	10.00	7031	
Ziv?e todah :	9100525-1	4.00	7031	

100% Browse

For Help, press F1

NUM

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Payme...

Records: 1782

Found: 18

Sorted Script

Continue

Cancel

Total Payments via Macro

Total Exclusions (Not Paid via Macro)

Invoice Total (Payments + Exclusions)

Home

Exclusions

Refind to Pay

Sort

ABC

Order Created

Me'ore halakhah be-hilkhot Shabat :	9112503-1	12.50	7031	
Nedarai ashalem :	9112738-1	16.50	7031	
Orot me-ofel :	9100589-1	8.50	7031	
Pardes temarim :	9112614-1	16.50	7031	
Pardes Yits'a? :	8731397-1	18.50	7031	
Perush ha-ketubah /	9112786-1	10.00	7031	
Sefer She?elot u-teshuvot Mozne tsede? :	1322529-1	21.00	7031	
Shi'ure ha-Rav ha-ga'on Rabi Yosef Dov ha-Le'i	9099487-1	14.00	7031	
Shul?an ?arukh /	8668315-2	14.00	7031	
Torat Eliyahu :	9097561-1	15.00	7031	
Torat Mena'em :	3449921-2	20.00	7031	
?umash ha-mevo'ar be-Yudish :	9100687-1	17.50	7031	
?un?res Devir Avraham ,	9100127-1	8.50	7031	
?un?res ?itsur Hilkhot ?ag ha-Pesa? :	9112639-1	4.00	7031	
?un?res Shab?u ahurvim :	9100506-1	5.00	7031	
?un?res Tevu'ot be-khoa? Shor :	9099473-1	5.00	7031	
Yesod ha-?avodah :	9100317-1	10.00	7031	
Ziv?e todah :	9100525-1	4.00	7031	

100% Browse

For Help, press F1

NUM



**General Invoice & Line Items: 62515 - BIEGEL**

Field Name	Field Data
Invoice Type:	REG
Invoice status:	REG
Credit/Debit:	D
Currency:	USD
Net amount:	563.25
Shipment amount:	0.00

	General Invoice	Items
Total Amount:	-563.25	-251.50
Number of Line Items:		20

Seq	Order No.	Net Amt.	Total Amt.	Budget	Local An	Units in i	Units in or
19	9112631-	- 3.00	- 3.00	415.37	- 3.00	1	1
	1			860..5			
				60251.			
				65507			
				0.0000			
				.00000			
				-2003			
20	9097944-	- 14.00	- 14.00	415.37	- 14.00	1	1
	1			860..5			
				60251.			

Gen. Inv.

Change Inv. No.

Delete All

Add

Modify

Delete

View Order

Order Log

Close

Help

**Get Order** [X]

Index:  ▼

Index Text:  ▶

OK

Ignore

Help

**Get Order** [X]

Index: Order number ▼

Index Text: 9112503-1 ▶

OK

Ignore

Help

**Line Item** [X]

**Bibliographic Info**

Feldberger, Yehezkel.  
Me'ore halakhah be-hilkhot Shabat : ... 'al hilkhot dash / ['al yede  
Yehezkel Feldberger ; be-siyu'a Ya'akov Feldberger ; tsiyurim 'al  
yede Yonatan Gershtein]  
[Brooklyn, N. Y. : Merkaz ha-Shabat, 763, 2002]

Vendor Code: BIEGEL Invoice Number: 62515

Estimated Price: 12.50  Debit  Credit

Net Amount: 0.00

Added Amount: 0.00

Total Amount: 0.00

Local Amount: 0.00

Number of Units: 1

Currency: USD

Object Code: [ ] ▶

Note: [ ]

Order Completely Invoiced

OK  
Refresh  
View Order  
Order Log  
Budgets

Cancel  
Help

**Line Item** [X]

**Bibliographic Info**

Feldberger, Yehezkel.  
Me'ore halakhah be-hilkhot Shabat : ... 'al hilkhot dash / ['al yede  
Yehezkel Feldberger ; be-siyu'a Ya'akov Feldberger ; tsiyurim 'al  
yede Yonatan Gershtein]  
[Brooklyn, N. Y. : Merkaz ha-Shabat, 763, 2002]

Vendor Code: BIEGEL Invoice Number: 62515

Estimated Price: 12.50  Debit  Credit

Net Amount: 12.50

Added Amount: 0.00

Total Amount: 0.00

Local Amount: 0.00

Number of Units: 1

Currency: USD

Object Code: [ ]

Note: [ ]

Order Completely Invoiced

OK  
Refresh  
View Order  
Order Log  
Budgets

Cancel  
Help

**Line Item** [X]

Bibliographic Info

Feldberger, Yehezkel.  
 Me'ore halakhah be-hilkhot Shabat : ... 'al hilkhot dash / ['al yede  
 Yehezkel Feldberger ; be-siyu'a Ya'akov Feldberger ; tsiyurim 'al  
 yede Yonatan Gershtein]  
 [Brooklyn, N. Y. : Merkaz ha-Shabat, 763, 2002]

Vendor Code: BIEGEL Invoice Number: 62515

Estimated Price: 12.50  Debit  Credit

Net Amount: 12.50

Added Amount: 0.00

Total Amount: 12.50

Local Amount: 12.50

Number of Units: 1

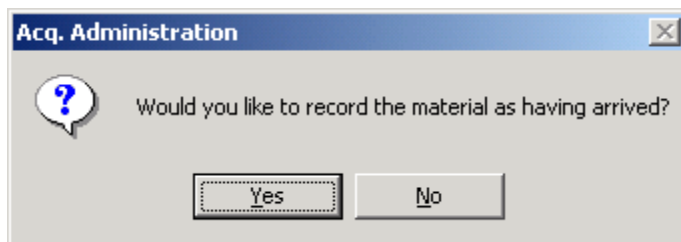
Currency: USD

Object Code: 7031

Note:

Order Completely Invoiced

OK  
 Refresh  
 View Order  
 Order Log  
 Budgets  
 Cancel  
 Help



**General Invoice & Line Items: 62515 - BIEGEL** [X]

Field Name	Field Data
Invoice Type:	REG
Invoice status:	REG
Credit/Debit:	D
Currency:	USD
Net amount:	563.25
Shipment amount:	0.00

	General Invoice	Items
Total Amount:	<input type="text" value="-563.25"/>	<input type="text" value="-264.00"/>
Number of Line Items:		<input type="text" value="21"/>

Seq	Order No.	Net Amt.	Total Amt.	Budget	Local An	Units in i	Units in or
20	9097944- 1	- 14.00	- 14.00	415.37 860..5 60277. 65507 0.0000 .00000 -2003	- 14.00	1	1
21	9112503- 1	- 12.50	- 12.50	415.37 860..5 60277.	- 12.50	1	1



StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Payme...

Records: 1782 Found: 18 Sorted

Total Payments via Macro   
 Total Exclusions (Not Paid via Macro)   
 Invoice Total (Payments + Exclusions)

Home  
 Exclusions  
 Refind to Pay

Sort

Me?ore halakhah be-hilkhot Shabat :	9112503-1	12.50	7031	PAID		
Nedarai ashalem :	9112738-1	16.50	7031			
Orot me-ofel :	9100589-1	8.50	7031			
Pardes temarim :	9112614-1	16.50	7031			
Pardes Yits'a? :	8731397-1	18.50	7031			
Perush ha-ke'ubah /	9112786-1	10.00	7031			
Sefer She?lot u-teshuvot Mozne tsede? :	1322529-1	21.00	7031			
Shi?ure ha-Rav ha-ga'on Rabi Yosef Dov ha-Le'i	9099487-1	14.00	7031			
Shul?an ?arukh /	8668315-2	14.00	7031			
Torat Eliyahu :	9097561-1	15.00	7031			
Torat Mena?em :	3449921-2	20.00	7031			
?umash ha-mevo?ar be-Yudish :	9100687-1	17.50	7031			
?un?res Devir Avraham :	9100127-1	8.50	7031			
?un?res ?itsur Hilkhot ?ag ha-Pesa? :	9112639-1	4.00	7031			
?un?res Shab?u ahuvim :	9100506-1	5.00	7031			
?un?res Tevu'ot be-khoas? Shor :	9099473-1	5.00	7031			
Yesod ha-?avodah :	9100317-1	10.00	7031			
Ziv?e todah :	9100525-1	4.00	7031			

100% Browse NUM

For Help, press F1

StatsDB - [StatsDB.bts]

File Edit View Insert Format Records Scripts Window Help

Payme...

Records: 1782  
Found: 17  
Sorted

Total Payments via Macro		\$208.00	Home	
Total Exclusions (Not Paid via Macro)		\$91.25	Exclusions	
Invoice Total (Payments + Exclusions)		\$299.25	Refind to Pay	
			Sort	
			ABC	Order Created

Nedarai ashalem :	9112738-1	16.50	7031	
Orot me-ofel :	9100589-1	8.50	7031	
Pardes temarim :	9112614-1	16.50	7031	
Pardes Yits'a? :	8731397-1	18.50	7031	
Perush ha-ketubah /	9112786-1	10.00	7031	
Sefer She?elot u-teshuvot Mozne tsede? :	1322529-1	21.00	7031	
Shi?ure ha-Rav ha-ga'on Rabi Yosef Dov ha-Le'i	9099487-1	14.00	7031	
Shul?an ?arukh /	8668315-2	14.00	7031	
Torat Eliyahu :	9097561-1	15.00	7031	
Torat Mena?em :	3449921-2	20.00	7031	
?umash ha-mevu?ar be-Yudish :	9100687-1	17.50	7031	
?un?res Devir Avraham ,	9100127-1	8.50	7031	
?un?res ?itsur Hilkhot ?ag ha-Pesa? :	9112639-1	4.00	7031	
?un?res Shb?u ahuvim :	9100506-1	5.00	7031	
?un?res Tevu?ot be-khoa? Shor :	9099473-1	5.00	7031	
Yesod ha-?evodah :	9100317-1	10.00	7031	
Ziv?e todah :	9100525-1	4.00	7031	

100% Browse

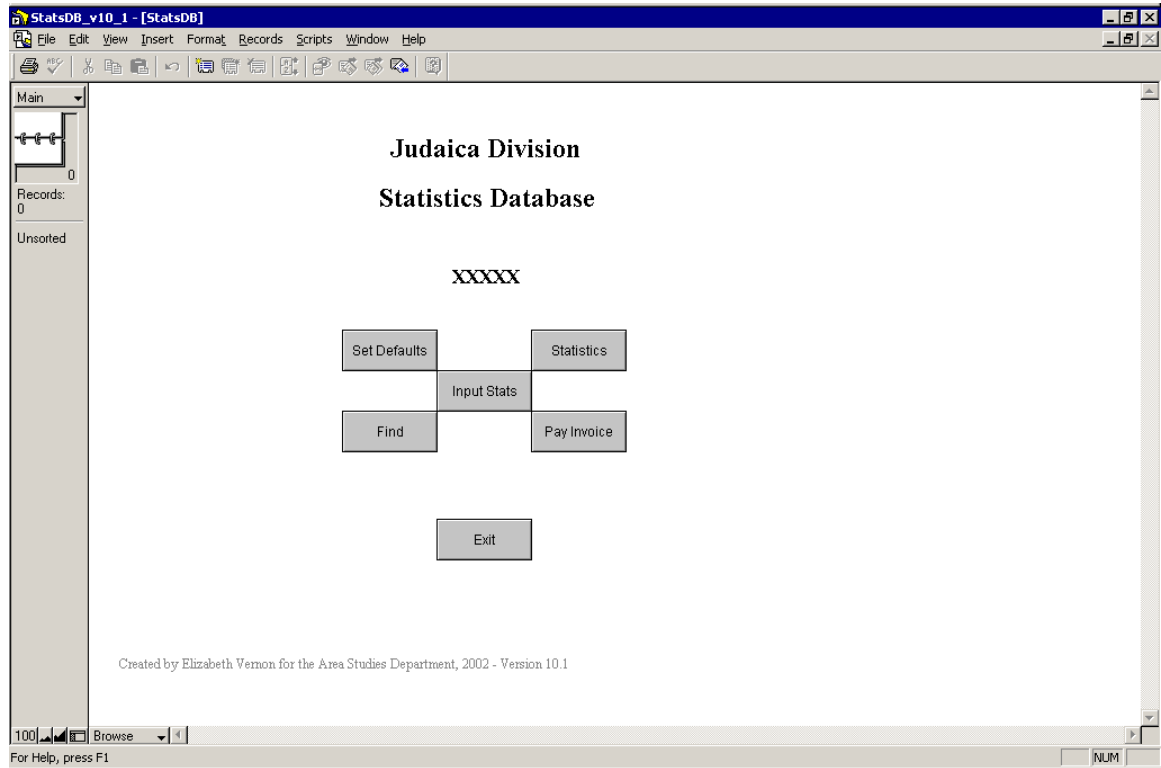
For Help, press F1

NUM

Payment Macro Ends

# Compiling Statistics

- Done monthly for cataloging and acquisitions
- Cataloging
  - Count by cataloging type, broken down by format and language
- Acquisition
  - Count of titles and pieces, broken down by format and language



StatsDB - [StatsDB]

File Edit View Insert Format Records Scripts Window Help

Statistic...  
1  
Records: 1782  
Found: 284  
Sorted

Home

Monthly Cataloging Statistics

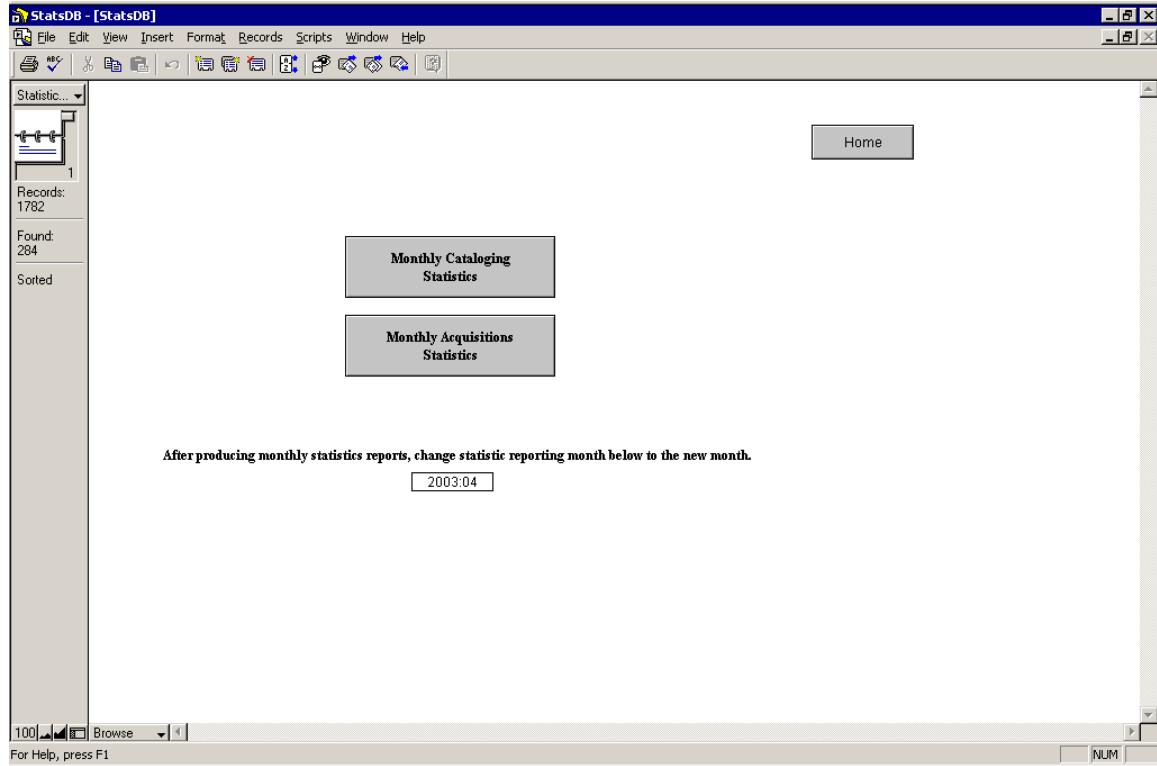
Monthly Acquisitions Statistics

After producing monthly statistics reports, change statistic reporting month below to the new month.

2003:04

100% Browse NUM

For Help, press F1



StatsDB - [StatsDB]

File Edit View Insert Format Records Scripts Window Help

Monthly ...

Pages: 1

Script:

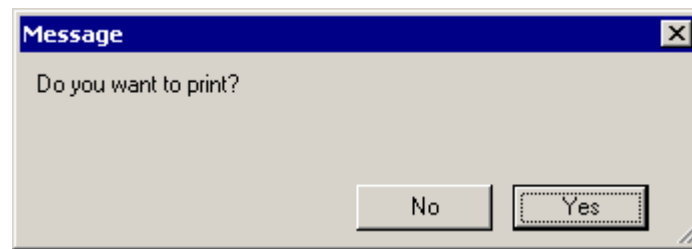
**Judaica Division Cataloging Statistics FY2003**  
XXXXXX  
2003:04

	Orig	Mod	CopyR	CopyO	CopyL	CopyPH	NAO	NAC	Add-To	ProvA	ProvO	ProvR	ProvV	Ord	Acq
<b>Total</b>	<b>246</b>	<b>27</b>	<b>1</b>						<b>14</b>						
<b>B</b>	<b>eng</b>	7		1					1						
<b>B</b>	<b>heb</b>	231	27						11						
<b>B</b>	<b>jrb</b>	1							0						
<b>B</b>	<b>yid</b>	5							0						
<b>S</b>	<b>heb</b>	2							2						

100% Preview

For Help, press F1

NUM



StatsDB - [StatsDB]

File Edit View Insert Format Records Scripts Window Help

Statistic...  
1  
Records: 1782  
Found: 284  
Sorted

Home

Monthly Cataloging Statistics

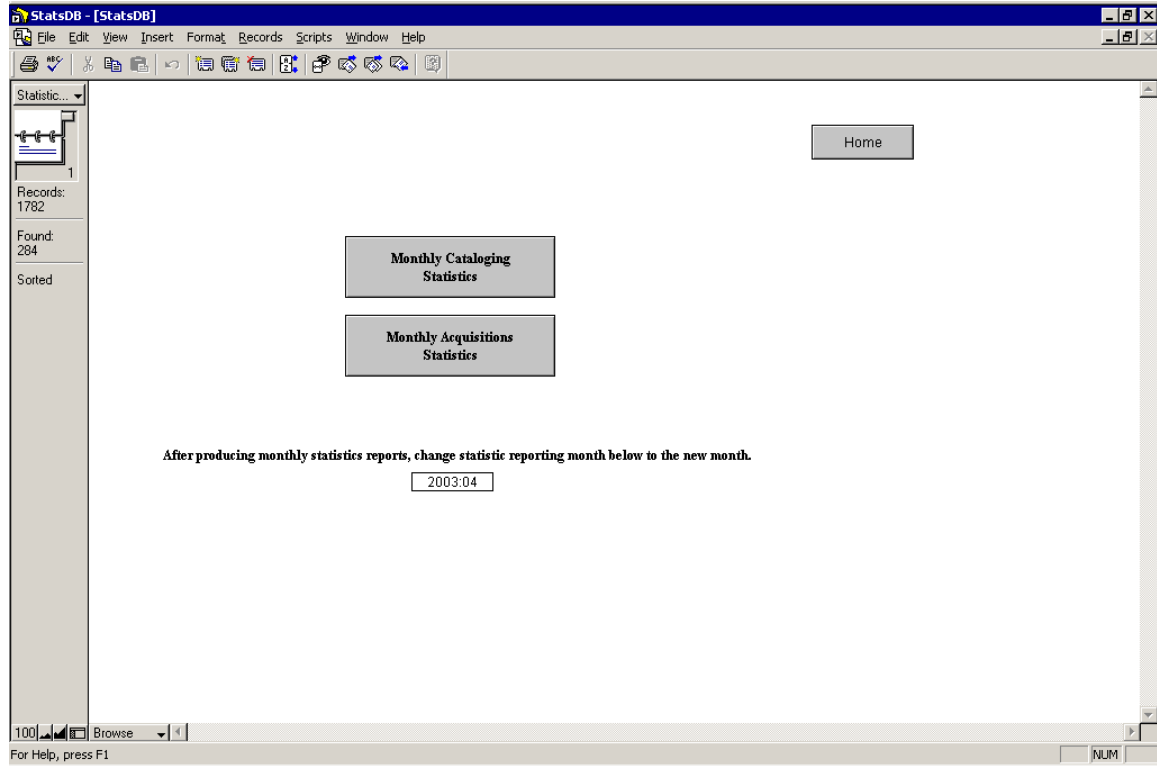
Monthly Acquisitions Statistics

After producing monthly statistics reports, change statistic reporting month below to the new month.

2003:04

100% Browse NUM

For Help, press F1





StatsDB - [StatsDB]

File Edit View Insert Format Records Scripts Window Help

Monthly ...

Pages: 1

Script: Continue

**Judaica Division Acquisitions Statistics FY2003**  
**Orent, Leah**  
**2003:04**

		Titles		Pieces
Totals		274	288	
Book	eng	8	9	
Book	heb	256	267	
Book	jib	1	1	
Book	yid	5	5	
Cassette	heb	2	2	
Serial	heb	2	4	

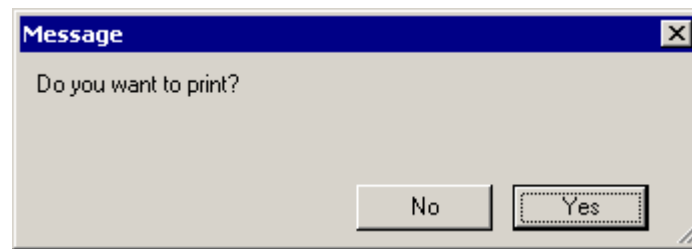
5/30/2003 3:51:06 PM

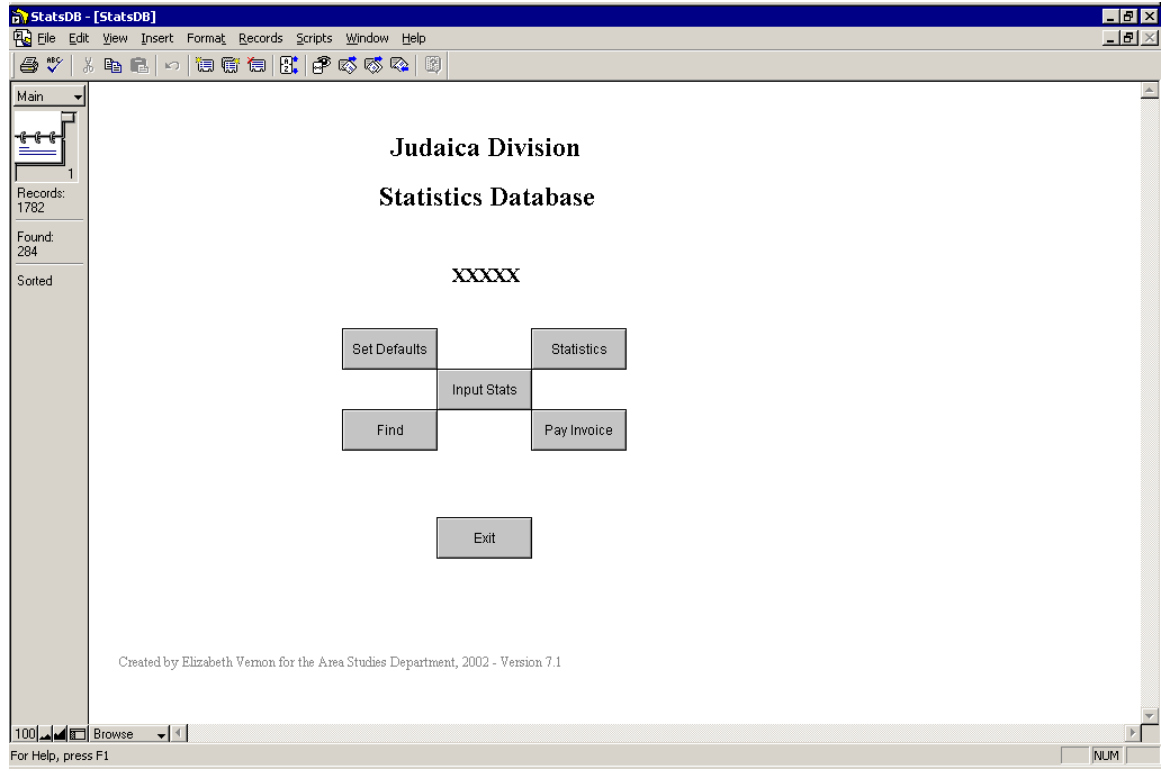
1

100 Preview

For Help, press F1

NUM





# Results

- The acquisitions processing of one book (order, payment, statistics):
  - Without macros: approximately 46-58 keystrokes and mouse-clicks, plus writing down of order number, plus manual recording of statistics
  - With macros: approximately 10-19 keystrokes and mouse-clicks

# Results (cont.)

- Able to maintain and improve on pre-Aleph productivity
- In FY2003 to date (mid-July to end of May):
  - fully processed (cataloging, acquisitions, barcoding) over 15,000 titles and over 19,000 pieces (not including paper serials and photographs)
- Statistics are fully automated